

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	514/2.ccls. and "Arg-Tyr-Phe-Pro-Asn-Ala-Pro-Tyr-Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/04 16:11
L2	0	530/328.ccls. and "Arg-Tyr-Phe-Pro-Asn-Ala-Pro-Tyr-Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/04 16:11
S1	0	"Arg Tyr Phe Pro Asn Ala Pro Tyr Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:45
S2	1	"Arg-Tyr-Phe-Pro-Asn-Ala-Pro-Tyr-Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:47
S3	0	514/2.ccls. and "Arg-Tyr-Phe-Pro-Asn-Ala-Pro-Tyr-Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:47
S4	2	"20070082860".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:47

10/517,600

<210> SEQ ID NO 2

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Artificial Sequence

<220> FEATURE:

<223> OTHER INFORMATION: Synthetic Peptide

<400> SEQUENCE: 2

Arg Tyr Phe Pro Asn Ala Pro Tyr Leu

1

5

> d his ful; d que sta

(FILE 'HOME' ENTERED AT 08:54:03 ON 04 FEB 2008)

FILE 'REGISTRY' ENTERED AT 08:54:13 ON 04 FEB 2008

L1 1 SEA ABB=ON PLU=ON RYFPNAPYL/SQSP
L2 82 SEA ABB=ON PLU=ON RYFPNAPYL/SQSFP
L3 ANALYZE PLU=ON L2 1- LC : 5 TERMS
D
D L2 1-82
D L2 SQIDE
D L2 SQIDE 1-

FILE 'ZCAPLUS' ENTERED AT 08:59:21 ON 04 FEB 2008

L4 76 SEA ABB=ON PLU=ON L2
D L4 1- IBIB KWIC

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3

DICTIONARY FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE ZCAPLUS

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FILE COVERS 1907 - 4 Feb 2008 VOL 148 ISS 6

FILE LAST UPDATED: 3 Feb 2008 (20080203/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate

02/04/2008

substance identification.

L2 82 SEA FILE=REGISTRY ABB=ON PLU=ON RYFPNAPYL/SQSFP
L4 76 SEA FILE=ZCAPLUS ABB=ON PLU=ON L2

=> d 12 sqide

L2 ANSWER 1 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 956835-95-3 REGISTRY
 CN Protein (human gene KIAA0226 fragment) (CA INDEX NAME)
 OTHER NAMES:
 CN 13: PN: WO2007128984 SEQID: 13 claimed protein
 FS PROTEIN SEQUENCE
 SQL 960

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2007128984
 |claimed SEQID
 |13

ALL

RANDOM

CONSERVATIVE

SUBSTITUTIONS

ONLY IDENTICAL

THAT OF APPLICANTS

SEQ 1 LLGNLKTIVE GLVSTNSPNV WSKYGGLERL CRDMQSILYH GLIRDQACRR
 51 QTDYWQFVKD IRWLSPHSAL HVEKFISVHE NDQSSADGAS ERAVAELWLQ
 101 HSLQYHCLSA QLRPLLGDRO YIRKFYTDAA FLLSDAHVTA MLQCLEAVEQ
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 151 NNPRLLAQID ASMFARKHES PLLVTKSQSL TALPSSTYTP PNSYAQHSYF
 201 GSFSSLHQSV PNNGSERRST SFPLSGPPRK PQESRGHVSP AEDQTIQAPP
 251 VSVSALARDS PLTPNEMSSS TLTSPIEASW VSSQNDSPGD ASEGPEYLAI
 301 GNLDPRGRTA SCQSHSSNAE SSSSNLFSSS SSQKPDASAAS SLGDQEGGGE
 351 SQLSSVLRRS SFSEGQTLTV TSGAKKSHIR SHSDTSIASR GAPGGPRNIT
 401 IIVEDPIAES CNDKAKLRGP LPYSGQSSEV STPSSLYMEY EGGRYLCSGE
 451 GMFRPPSEGQ SLISYLSEQD FGSCADLEKE NAHFSISESL IAAIELMKCN
 501 MMSQCLEEEE VEEEDSDREI QELKQKIRLR RQQIRTKNLL PMYQEAHGS
 551 FRVTSSSSQF SSRDSAQLSD SGSADVDDEF EIQDADIRRN TASSSKSFVS
 601 SQSFSHCFLLH STSAEAVAMG LLKQFEGMQL PAASELEWLIV PEHDAPQKLL
 651 PIPDSLPISP DDGQHADIYK LRIRVRGNLE WAPPRPQIIF NVHPAPTRKI
 701 AVAKQNYRCA GCGIRTDPDY IKRLRYCEYL GKYFCQCCE NAQMAIPSRV
 751 LRKWDFFSKYY VSNFSKDLII KIWNDFLFNV QDINSALYRK VKLLNQVRLI
 801 RVQLCHMKNM FKTCRLAKEL LDSFDTVPGH LTEDLHLYSL NDLTATRKGE
 851 LGPRLAELTR AGATHVERCM LCQAKGFICE FCQNEDDIIF PFELHKCRTC
 901 EECKACYHKA CFKSGSCPRC ERLQARREAL ARQSLESYLS DYEEEPAEAL
 951 ALEAAVLEAT

HITS AT: 124-132

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA Caplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12 sqide 1-

YOU HAVE REQUESTED DATA FROM 82 ANSWERS - CONTINUE? Y/(N):y

L2 ANSWER 1 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 956835-95-3 REGISTRY
 CN Protein (human gene KIAA0226 fragment) (CA INDEX NAME)
 OTHER NAMES:

CN 13: PN: WO2007128984 SEQID: 13 claimed protein
 FS PROTEIN SEQUENCE
 SQL 960

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given|WO2007128984

|claimed SEQID

|13

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SEQ      1  LLGNLKT TVE GLVSTNSPNV WSKYGG LERL CRDMQSILYH GLIRDQACRR
      51  QTDYWQFVKD IRWLSPHSAL HVEKFISVHE NDQSSADGAS ERAVAELWLQ
     101  HSLQYHCLSA QLRPLLGDRO YIRKFYTDAA FLLSDAHVTA MLQCLEAVEQ
          =====
     151  NNPRLLAQID ASMFARKHES PLLVTKSQL TALPSSTYTP PNSYAQHSYF
     201  GSFSSLHQSV PNNGSERRST SFPLSGPPRK PQESRGHVSP AEDQTIQAPP
     251  VSVSALARDS PLTPNEMSSS TLTSPIEASW VSSQNDSPGD ASEGPEYLAI
     301  GNLDPRGRTA SCQSHSSNAE SSSSNLFSSS SSQKPDSAAS SLGDQEGGGE
     351  SQLSSVLRRS SFSEGQTLTV TSGAKKSHIR SHSDTSIASR GAPGGPRNIT
     401  IIVEDPIAES CNDKAKLRGP LPYSGQSSEV STPSSLYMEY EGGRYLCSGE
     451  GMFRRPSEGO SLISYLSEQD FGSCADLEKE NAHFSISESL IAAIELMKCN
     501  MMSQCLEEEE VEEEDSDREI QELKQKIRLR RQQIRTKNLL PMYQEAHGS
     551  FRVTSSSSQF SSRDSAQLSD SGSADDEVDF EIQDADIRRN TASSSKSFVS
     601  SQSFSHCFLLH STSAEAVAMG LLKQFEGMQL PAASELEWL V PEHDAPQKLL
     651  PIPDSLPISP DDGQHADIYK LRIRVRGNLE WAPPRPQIIF NVHPAPTRKI
     701  AVAKQNYRCA GCGIRTDPDY IKRLRYCEYL GKYFCQCCE NAQMAIPSRV
     751  LRKWDFSKYY VSNFSKDLI KIWNDFLFNV QDINSALYRK VKLLNQVRL
     801  RVQLCHMKNM FKTCRLAKEL LDSFDTVPGH LTEDLHLYSL NDLTATRKGE
     851  LGPRLAELTR AGATHVERCM LCQAKGFICE FCQNEDDIIF PFELHKCRTC
     901  EECKACYHKA CFKSGSCPRC ERLQARREAL ARQSLESYLS DYEEEPAEAL
     951  ALEAAVLEAT

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HITS AT: 124-132

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA Caplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);

PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 937580-08-0 REGISTRY

CN Signal transduction histidine kinase with Chase domain (Bradyrhizobium
 strain BTail) (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABQ38889

CN GenBank ABQ38889 (Translated from: GenBank CP000494)

FS PROTEIN SEQUENCE

SQL 552

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SEQ      1  MLRLGVIIGV IALIGTALSG LAAYRVHDQE LAIDRIALAR AIDVHASLVQ
      51  DRLTERELLA RVASGLFRAP SVIKANMLEP LRSSYAFKT DFVVASWIAR
     101  LRPDELPIAQ AELRQAGFPN PTIRNYDDKP LDAATLTGPI DVLMDLEPRN
     151  ADTLKLPGVA LDRQPIVGPM LTRAMAEGKP VASDPTPLLR ANGPIGIVLA

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201 APVVPQGATA PAGFVTFSEY IGPLLLTND LSLFSVALKD PRNASDELVA
 251 NDQGA VSGRT RGADAPAPSS TRTVTFGNHD WSLVYYAKSN SVRRAQQTAA
 301 IVGVIGLALT GIICGLFGYV AYNLRLSRE IQVRIGFERR LTAVIDELNH
 351 RVKNILAVIQ SIVTRTLRHG SDIDVARELL IGRIHAMSNV VTLLSESQWQ
 401 GVQLRGLFES RAIPHADRIA VTGPDITVSA RAAQSLSLLF FELASHSDEG
 451 LSLVGKHPHI TAKWDVTGEE PNAVFQFRWE EFNTSEATTR PDSDFGLILL
 501 DRVAPEALGG TSKRFFTEAS YVELTAPME TVVDITERDR TEQFSAPVHP

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551 SR

HITS AT: 514-522

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 937456-80-9 REGISTRY

CN Signal transduction histidine kinase with Chase domain (Bradyrhizobium strain ORS278), (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAL74960

CN GenBank CAL74960 (Translated from: GenBank CU234118)

FS PROTEIN SEQUENCE

SQL 551

SEQ 1 MLRLGVIIGV IALLGTALSG LAAYRVHDQE LALDRIALAR AIDVHASLVQ
 51 DRLTERELLA RVASGLFRAP SVIKANMLEP LRSSYAFKT DFVVASWIAR
 101 LRPDELPVAQ AELHQAGFSN PTIRSYDDTP LGPNVDHPID VLMDLEPRNA
 151 ETSRLPGRAL DRQPIVGPM LARAMEGKPV ASDPTPLLRP DGPAGIVLAA
 201 PVVPQGATAP AGFVTFSEYI GPLLLTNDL LSLFSVALKD PRNASDELVA
 251 DQGA VTTTRT GPDDPAPSS RTVAFGNHDW SLVYYAKSNA ARRAQQTAAI
 301 VGVIGLALTG IIGGLFGYVA YNNLRLSREI QVRIGFERRL TAVIDELNHR
 351 VKNILAVIQS IVTRTLRHGS DIDVARELLI GRIHAMSNV TLLSESQWQ
 401 VQLRGLFEAR AIPHAERIAV SGPDITVSAR AAQSLSLLFF ELASHSDEGL
 451 SLVGKHPHIT AKWEVTGDEP NAVFNFRWEE RNTSEATTRP DSDFGLILLD
 501 RVAPEALGGA SKRFFTEGSY VVELTAPMET VVDMTERDRT EQFSAPVRPP

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551 K

HITS AT: 513-521

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 934937-94-7 REGISTRY

CN Protein (Corynebacterium glutamicum strain R 300-amino acid) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAF53882

CN GenBank BAF53882 (Translated from: GenBank AP009044)

FS PROTEIN SEQUENCE
SQL 300

SEQ 1 MAFGYVLREA VRGMGRNVTM TIALIITTSI SLALLATGFL VTNMTDRTKD
51 IYLD RVEVMI QLDEDT SAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPVRDLS
151 QVS NVIDQVD DLRGATENLD SIRNATFLIA AVQVLASIFL IANMVQIAAF
201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI

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251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLRFYVRK

HITS AT: 216-224

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 931173-35-2 REGISTRY

CN Protein (Geobacillus thermodenitrificans strain NG80-2 926-amino acid)
(CA INDEX NAME)

OTHER NAMES:

CN GenBank ABO65802

CN GenBank ABO65802 (Translated from: GenBank CP000557)

FS PROTEIN SEQUENCE

SQL 926

SEQ 1 MNGKWKIAKL IGLIIFIVSL PVLFFAFIQ NPMKQTNKAT NHIAVVNEDM
51 GAKYDQKTYF FGKEIVPALA DRSSYHWSV NRSQAENGLK NNEYDAVVYL
101 PSDFSRNLS FNDKQPLKAT VQYKIQPNLD AKHRERVQRE LEASKNMINQ
151 KMSTLYWSYV AQEIAAIRKK FNDILEKEIA FQKAMYAFYT PSSAKLAEEI
201 KRQKDMLEQL LEASNNAKDS SAGTLQGIEE AEAEITAFVD SLSQYREYQQ
251 RQNELLQEGI HEYKKRFNER MDLMLGKPWE VKPDVRHQEQ NLLESITTLR
301 NTVAESHTSL MTFNEQLKQS TVQEQFEQLL TWKKEFVRQY QIEVNNQTLN
351 RLQQSLIEFR QKLQSPSPGQ TDEEQPAPIE APPQPADENL LDALQQQLAN
401 LKAQWQAFKP QSPQESWEHI EGSISQLETE MEKTKQAWQQ QLALQQQWQQ
451 KYAQLVEQLN KQLTEGKADS IDDIVQIQKE KEQAVLASPA LPESRKQVLS
501 SHFEAVIQNR NTADLLDYFA WLSIFDEAVQ QTTRFDEELV DQLLMNWNQR
551 DAIFQMLSDV RGYFEELEQH SASSLKEVEA AEESTESFIE TTLGYIQEYD
601 ENVQKMQETI TGQLQELSDA VSEVTMQLQE AVNEGQOTEE IWRGNDGEFV
651 ITIQNTMQD VQQISDLIAS IAEDQDHIVD YTNELHEKID SVQTKADELN
701 DKWAANVNTT KQIRNDVYRL LNNTMIDQQA NGYVYDYL TN PVQVRGDLPE
751 EQTTYTPPVV VLIIVLLCGM LIGFFLHYYS NSPFMLQLAL LLLMNVVVGL

=====

801 IINIYSLKIY PMQDVRAIKW SVLTIVLLFF CSSMVRLAFL IGPFTGWILG

851 VGLVLFITP LLDLVLPNFH FEHPAETI SIQYGDQQIF YSTVMMGV

901 SLLMAVPFL KHRLADQEE GEMYEG

HITS AT: 777-785

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 927516-46-9 REGISTRY
 CN Protein (Yamadazyma stipite strain CBS 6054 431-amino acid) (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABN64712
 CN GenBank ABN64712 (Translated from: GenBank CP000496)
 FS PROTEIN SEQUENCE
 SQL 431

SEQ 1 MGCAASVPEN EEKDPFLHDK RINDAIEQNL QLNKQNEKNQ VKLLLLGAGE
 51 SGKSTVLKQM KLLHKGGFTQ QERIQYSQVI WCDVVQSMKI LIVQARKLGI
 101 ALDCDQENSP LIPYKQIVLR ANALEQIDTG AAGGAHFMND YVLKYSEVQK
 151 NKRRMNSTGV ANISYWDDPP VKSDHESDNV NVVYNSTNPT PNSTYSREQI
 201 ADAIHKLWTS DPGIHNCYER SNEFQFEASA EYFFENVYKF ADPDYYCTDT
 251 DILKGRIKTT GITETNFNIN SFKFKVLDAG GQRSERRKWI HCFDNITAVL
 301 FVLAISEYDQ MLFEDERVNR LHESIVLFDS LCNSKWFANT PFILFLNKTD
 =====
 351 IFEKKIQRSP LKQYYPEYNG KPQDSAEAMK FFETNFLKLN RTNKPIYVHR
 401 TCATDSKSMK FVLSAVTDVI VQQLKKSGI M

HITS AT: 335-343

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 925385-98-4 REGISTRY
 CN ElaA protein (Methylibium petroleiphilum strain PM1) (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABM96751
 CN GenBank ABM96751 (Translated from: GenBank CP000555)
 FS PROTEIN SEQUENCE
 SQL 155

SEQ 1 MDHPLPEISW RCARLHELSP LELQRIHIAR QQVFAVEQDC VFQDADEVDE
 51 HSAHLAAWRA DGVLLAYARL VDPGVKYAEP SLGRVLTTAV ARGTVGVRAL
 101 VRRAVDHLTG AFGQGLRIS AQLRLERFYA EAGFLSIGEP YLEDDMPHIE
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151 MLRRG

HITS AT: 127-135

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 921701-11-3 REGISTRY
 CN Protein (Oryza sativa japonica strain Nipponbare gene Os08g0104300) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAF22691
 CN GenBank BAF22691 (Translated from: GenBank AP008214)
 FS PROTEIN SEQUENCE
 SQL 495

SEQ 1 MNCCSSEAVL SSKVALLNSL FCTIVLPKEN CSNMNCTKG GGFPLLFCV
 51 ICLMAQQGAC NVVLIANNTT LSFDDVEATF TPEVKDSGVN GAIYAVEPLD
 101 ACSPLRKKAA NGPVSPFALV IRGGCQFDDK VRNAQNAGFK AVIVYDDEDS
 151 GVLVSMAGSS SGIYIYAVFL SKASGEVLKK YSGQSDVEVW ILPVYENSAW
 201 SIMAISFTSL LAMAAVLATC FFVRRHQIRR DRGRIPVTRE FHMSSQLVK
 251 AMPSLIFTKV QEDNSTSSSC AICLEDYSFG EKLRVLPCHR KFHATCVDWM
 301 LTSWKTFPCV CKRDASAGTS KPPASESTPL LSSVIHLSAE STALSSFRST
 351 VAVSPRPPIR RHPSSQSTSR AYSISSAPRN YNLQRYTNS PYISTSRSNV
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 401 DLANMSSQWS HTPHQASMHS LRSGLSLPI NIRYTIPHVS RSDYGSASLG
 451 LSHDSCSHHG SPSYYHSSLG QQRSYLMHRT ESGPSLSTMV LQSPQ

HITS AT: 385-393

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 919550-33-7 REGISTRY
 CN Proline iminopeptidase (Roseobacter denitrificans strain OCh 114 gene pip)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABG30110
 CN GenBank ABG30110 (Translated from: GenBank CP000362)
 FS PROTEIN SEQUENCE
 SQL 313

SEQ 1 MQYLYPPVDP FDQRMLDVQG GHRIYVEQCG NPAGIPVIVL HGGPGGGCSP
 51 AMRRYFDPTV FRVILFDQRG CGRSRPHASV THNTTWHLVD DIELIRRTLD
 101 IDDWIVFGGS WGATLSLIYA QSHPDTRHL VLRGVFLMTQ AELDWFYGGG
 151 AGKFWPEVWA RFTGPIPEDE RGDLEAYRR RLFSGDMPQE TRFAKAWSSW
 201 ENALASIHSS GTSGDAPGEY ARAFARLENH YFSNAGFLDF DGQILANVGR
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 251 IAHIPGVIVQ GRYDMICPPD SAYRLAEWE NCELKMVRNA GHALSEPGIS
 301 AELVRTMDRI GGR

HITS AT: 230-238

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 914168-75-5 REGISTRY

CN Protein (Methanosarcina barkeri strain Fusaro 112-amino acid) (CA INDEX
NAME)

OTHER CA INDEX NAMES:

CN GenBank AAZ70949 (9CI)

OTHER NAMES:

CN GenBank AAZ70949 (Translated from: GenBank CP000099)

FS PROTEIN SEQUENCE

SQL 112

SEQ 1 MSKIFNYMCF LISQTSNKKF LGIIRNIFQK SEIKKLNMAK EGIENLEHHK
51 TVFNCLLNTR RVNIRQRLSG RQFRTSRKCL YHNQFLLRVR FYSETPFLFR
= =====

101 TRFILKRLFI HV

HITS AT: 90-98

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 912220-07-6 REGISTRY

CN Esterase/lipase (Lactobacillus casei strain ATCC 334) (9CI) (CA INDEX
NAME)

OTHER NAMES:

CN GenBank ABJ70609

CN GenBank ABJ70609 (Translated from: GenBank CP000423)

FS PROTEIN SEQUENCE

SQL 269

SEQ 1 MQVEKDVIYD SAYNLAADLY VPDEANGGAI VYAHGGGWFR GDKENESDLG
51 KYFADAGYLF TIPNFR LAPK YLYPTAQNDF DHFINWLLAS PYDFDRERLG
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101 LLGASSGGTM VLQNSLASGY PLVAWSPVVD FANWVQKNQM VKASVDGKKE

151 LGLTEIHEIH DSFYKYFVQT YLGGLDPRLT TAVNPTNHLT DQLGPALLFN

201 SADELMPPLS ALHFLQQAAM FGRDIGLHV V PGTGHARDYT SFALPETKRF

251 FDHHLFTTVE DKTLNKATD

HITS AT: 51-59

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 912087-07-1 REGISTRY

CN Protein (Oenococcus oeni strain PSU-1 429-amino acid) (9CI) (CA INDEX
NAME)

OTHER NAMES:

CN GenBank ABJ57333

CN GenBank ABJ57333 (Translated from: GenBank CP000411)

FS PROTEIN SEQUENCE

SQL 429

SEQ 1 MKRKGLFSLG NRIIFYIFNF FIFLTLYFAI ASPNLTGDT PAGNRTTWIS
 51 VVFLFLLLTI SLAIFVNEKL RNVFRIYFIK RALFSSIVIF VLVILLQIIF
 101 VELTHPSIGF DAGAIHSALT DTKSRELQAY YSLSTNNINL MLQQHYLAKF
 ==
 151 FSNSSWLLFD NINLFLVDLS AVFNALIVAV LDRRKISNVL YIQSIWLALF
 =====
 201 PMILVPYSDT WVLPFVSLYL LSYCIVFHSK FNGILRVFLA ISGGSVLSAS
 251 YFIKPSAIIP FIAIFLVEIL YLFKKDDRRK KKYAFIILIS SLFFIVSTGI
 301 TYRYLQNNAN SETYMKIDRS RTMPAIHFIS MGMAGDGGYN KEDNLAMAAR
 351 PSKKEKVEYS KRKINQRLAR MGIFGYIKFL FHKQKNSSD GSFAWLIEGH
 401 FMSAKVASKG LKAFCSKFCI SEWQTFSGF

HITS AT: 149-157

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 13 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 909480-03-1 REGISTRY

CN Ferrochelataase (Bordetella avium strain 197N gene hemH) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAJ50331

CN GenBank CAJ50331 (Translated from: GenBank AM167904)

FS PROTEIN SEQUENCE

SQL 364

SEQ 1 VFLRLFKYLW PERFLPEPAT AEDRFDDNPP PRGPGRAGVL LINLGTPDAP
 51 TAADIRKYLA EFLSDQRVIE IPRYLWKPII HGLVLTFRPK KlapryagiW
 101 MEGGSPLMVY SRKQAEGVAA ALAERGLDVP VALGMRYGNP SVPDAIAQLR
 151 AQGCDHILTV PLYPQYAAST TATAVDAVTR HASRLRDQPA LRFVKRFYAD
 =====
 201 PAYIEAQAER IQSFWDQGGK PQKLLMSFHG LPRYSIELGD PYRDCLDTA
 =====
 251 RLLRKRLGLS PEEVEVTFQS RFGSARWMEP YTEPTLKMLA AQGITHIDVV
 301 CPGFVADCLE TLEEINQECR HAFMEAGGQQ FRYIPALNDS PLWVSGLADL
 351 VETQLQAWPV KRAG

HITS AT: 196-204

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 14 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 908963-98-4 REGISTRY

CN Proline iminopeptidase (Rhizobium leguminosarum viciae strain 3841 gene pip) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAK08026

CN GenBank CAK08026 (Translated from: GenBank AM236080)

FS PROTEIN SEQUENCE
SQL 324

SEQ 1 MSALYPEIEP YDHGQLDTGD GNLIYWEACG NPAGRPALVL HGGPGSGCST
51 AARRYFDPDA YRIILFDQRN CGRSLPSAAD PETDLSLNTT WHLVADIERL
101 RAHLGIDSWL LFGNSWGSTL ALAYAETHPE RVAAIVLSGV TTTRRSEIDW
151 LCRGMAPLFP EEWHRFRQVI PAGSQGRDED IVAAYHRLLN DPDPETRFKA
201 ARDWHDEEAA SILLADPQGR PRRWADPAYM LTRARIITHY FSNGAWLEDG
== =====
251 QLLKNAARLI GSPGILLQGR LDIEAPLVTA WELARAWPQS ELSILAHAAH
301 STANPDMSAA IVTATDRFRY FPQK

HITS AT: 239-247

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 15 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 889725-65-9 REGISTRY

CN LOC432185 protein (Xenopus laevis clone IMAGE:6949153 gene LOC432185)
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAH94122

CN GenBank AAH94122 (Translated from: GenBank BC094122)

FS PROTEIN SEQUENCE

SQL 722

SEQ 1 VKMAALSEHF TLCGLLTGTD DGKSEILGVE PAGEPDRVLV TDSVQAVTLY
51 KVSDQKPQGA WAVKQQSIT CPAVLNPESG EFIVVHDDKV LRIWKEDNVN
101 LDIAFKATLS ADVCRIHTLP NTDPLVLFGK GAVHFLDSSL TDPQQKIGTV
151 LSDGERIVWS EIFADDGQPL IVYLTQQFSN YFVYIHKFSP VCVCKYHLKP
201 NTEDSTILDG SGSVKSKIFT LLTLYSSGQV CQTPFPVSLI NKETERVVSA
251 SPLQLSLGPI EVGALNLFDE SHVAVLISSS SEQKECLSIW NTTFTQLQAA
301 RNFQQRRTSAQ LWCYDNKLFV PHGKTLVVVP YVCEASCLAS VLGKSRNIQT
351 SVLENVFPVN WDKLVGKDPE TKPSNAGAOK KTRERKTNAN AGNGTESILY
401 PFDVQNISQT QTEAFVQQLL LGKEDTDFQI TVGKITQGLV KRCMADPKFY
===
451 PQSSFVQLVQ TNTLSYSLCP DLLSLFLEKR DVPLLQLCLH SFPDVPEVIL
=====
501 CLCLKAFLSI SEKLVNAAQI NTELASLYID VGDKDKEHKY TEHPPEPSVL
551 QNGFSPTALE EDSCDELIAE SLPQTTQKAT CPISIKRAVL VNSILISPYN
601 ESFLLPHLKD MSGDQVMFFL RYLLYLKLF NENITINHPG KQMPTVSQIV
651 DWMSMLLDAH FATVVMLSDA KALLNKIQKT VKSQLKFYSE MNKIEGCLAE
701 LKELKCPARV SARYSIEVLQ LY

HITS AT: 448-456

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 16 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 881346-58-3 REGISTRY
 CN Phage portal protein, lambda (Nitrobacter winogradskyi strain Nb-255)
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABA04073
 CN GenBank ABA04073 (Translated from: GenBank CP000115)
 FS PROTEIN SEQUENCE
 SQL 511

SEQ 1 MAANWIDRAL ASVAPGAARK RLLERQAF EK LARAYDGA AV GRRTDGWRSS
 51 SSSADGEIAS GASRLRDRMR DLTRNNPHAA KAVAVLVN NI VGAGIRPRAA
 101 AGTDALDNRI NELWEAWAAR SDADGLADFH GLTTLAVREM IEGGDVFLRR
 151 RIRRTEDKLP VPLQLQLLEA DHLDDTKIAA LPDGGRIVRG IEYDAIGRRR
 201 AYWLFPDHPG DTSVPLSRSL TSARVPADGI AHLFERQVRQ SRGVPWGAPA
 251 MRAMRDLDDW TNAELVRKKT EACLVGVVLG ADEADQGVAP TVVDAEGKTI
 301 EQFEPGLIAY ARGGKDIKFN QPASTAGVSE WLRAQLHIIA AGYRVPYELL
 351 TGDLSQVNY S LRGGGLVEFR RMVDALQWQL VIPGFCEPVW RWFTEAAWVA
 =====
 401 GLIPNPVVKV EWQPPRFDAV DPLKDAQADL LMLRSGTMTL AQAIARQGYD
 451 PASQLGEIAE MNSALDRLKI VLDS DPRMMT NAGTAQDPDN DPAGDTADNE
 501 QPGKSKPKPG D

HITS AT: 391-399

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 17 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 877723-81-4 REGISTRY

CN Protein (Desulfitobacterium hafniense strain Y51 216-amino acid) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE83792
 CN GenBank BAE83792 (Translated from: GenBank AP008230)
 FS PROTEIN SEQUENCE
 SQL 216

SEQ 1 MRLRRKAWAR PELESDPKVI YNPMHYKENW QEAFGNHPV HLELGCGRGQ
 51 FINQCAELNP HINYIAIDLY DEVLVKALRK INEKALHNVR VIPMNIKLE
 101 SIFKHDQIEK IYINFCNPWP SRRHHHKRLT HPQFLSVYKK LMKDHSEIWF
 151 KTDDDELFDK SLKYFAEAGF IEKYRTFDLH QSEFTENIKT EYEKFSNQG
 =====
 201 VKIKFGIFVV NKGRQN

HITS AT: 163-171

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 18 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 877707-56-7 REGISTRY

CN Protein (Desulfitobacterium hafniense strain Y51 518-amino acid) (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE82167
CN GenBank BAE82167 (Translated from: GenBank AP008230)
FS PROTEIN SEQUENCE
SQL 518

```

SEQ      1 MKLNLAVFAY HLADYAPRLY DSEIHGLGVA DVRFLDRQET FLSESVEYIGM
      51 WDKLQALIKP PFYVVCIGRD ETTDRWLEEH GVKALILDSE VELNEVFERL
     101 QDIFQHYNRL ESELLEAVLC KEPLNVLLNI CAKFFANPTF ITDAALCLVA
           =====
     151 TCDNFAHPET DRAWQETIES GRSSSELLLL MKRKKLTNLL NTSRKAEFVN
     201 VGENYSKIIC ANYFDQEVRI ATFTVSEAYT PLSPLQAGLV DHVAKLLTAE
     251 VRKQHKASSR YLFAIRSNIS NLLHGQKIDE AILKTNFAHI GWTDQEDYRL
     301 LKIPLTTAEL ADGTAGHNRK IYESIFPHYV SLDLNEVLIL VIRCARDTEA
     351 DKRRFAELKK HLKNENAACG VSKTFHDFDM LGEEYKLANA ALEIGSWKYP
     401 KEALYFYEDM MLEHLFSEGS RIFNLRSLCH DSVLRIAEHD QONNSSLLQT
     451 LKVYLLQEKs LLAASQELHI HRNTLVYRLG KIEQISGLDL NSPLIRLQGI
     501 LSCILILEYLN GLEEKAPD

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HITS AT: 133-141

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 19 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 868817-72-5 REGISTRY

CN Phage tail fiber-like protein (cyanophage P-SSM2) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAX44672
CN GenBank AAX44672 (Translated from: GenBank AY939844)
FS PROTEIN SEQUENCE
SQL 1170

```

SEQ      1 MTRFRSGRVP HQHIGISSFT EDKLVLDVIG NATISGTLVS GVGTTNNSGNG
      51 NISIGGTTGT IGQYLKSTGV GVTWADFADV RDSQSFWATA GQTTFFVFTAN
     101 ELNQYNPNFI DVYVNGVKLI NSEYDAFNCS NVVLKSACFA GDIVELISYN
     151 TNQITNGMGG STIGINTFAT STFTHIGASG VVTATTYYGD GSNLTGVVTS
     201 LRSEYADVSG ISTISQGLTG TPDIAVRNIN VGIATFTGNL DAVDASFSGN
     251 VSIGGTLTYE DVTNIDSVGL ITARNGIDVT GPIKGFSYTQ SPYSNTVETI
     301 IVKVVTKTAA HRYNGNGSSL GYTFDGVESP FLTLTPGKTY RFDQSDNSNL
     351 THQLRFYLDP EKVVEYLRTP GEIVYSGAAG SNGSYTEIQI LDDTPTVLYY
     401 QCVNHSYMGH AVQVNTGHAI GFATAASIDT SGIITAFRYY GDGTYLSGVQ
           === =====
     451 SQLVIOEEGG AVGTAGTINF VGVGVVASVT DDIATIQVGN HFAVTAGIAT
     501 VAEGITGSPN ASFSGITATG LQMTGLCTAG TFVGNLVGGV AGGNWGGYDS
     551 TATNNVSAGQ NVSAGQSVTA GNGFYGDGSG ITNLVTTSDT APSNPTDGNL
     601 WWKSDEGLKQ IYYQDADSAQ WVDANASGGA GSSGGSSDLL NDTTPQLGGT
     651 LDLNNRDITG TGNISINGGL TLIGGTSNIG NVYSTGIVTA STFYGNIVGD
     701 LSGTSTGNVT GTVNATGLST FTTLDINGDV NVSGASTITG ALDVTDSVDA
     751 HSINVSTAVT AISFHGDGQY LTNIYSAPPQ GISTTGYTGL TNLFCGGYLE
     801 VDGQSILDDV IVSAAATFQG ALSANTGPVT LNNATINGTT NVTGPSTLTT
     851 VNVVGHSELD NVNISGVATA IGFVGPLTGN AATASNLSGS PSISVTNVSA
     901 GIITATNGYY GNVNVNNQNI EVGNCTTQGT DNTIKVGSSA LEIFHRPAAV

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951 ATYLQNKADT NLFITGNDAT GTWGNIFIRP YLSNFSGVAC WWGGATELFY
 1001 GNNNTKRLET TSGGVNIIGT LSKSGGSFKI PHPVSGSLSTT KHLVHSFLEG
 1051 PQMDLIYRGK VDLVGGTATV NIDTKAGMTE GTFVLLNRDV QCFTTNETGW
 1101 TAVKGSVTGN EITIVAQDNS CTDTISWMVV GERQDDTVKA LDMTDSEGNL
 1151 IVEPDQPAAD TKHADVQAQL

HITS AT: 438-446

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 20 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 867889-10-9 REGISTRY

CN Protein (Mus musculus strain NOD clone F630045F11 866-amino acid) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE41708

CN GenBank BAE41708 (Translated from: GenBank AK170312)

FS PROTEIN SEQUENCE

SQL 866

SEQ 1 MQNILYHGLI HDQVCCRQAD YWQFVKDIRW LSPHSALHVE KFISLHESDQ
 51 SDTDSVSERA VAEWLQHS L QCHCLSAQLR PLLGDRQYIR KFYTETAFL

=====

101 SDAHVTAMLQ CLEAVEQNNP RLLAQIDASM FARKQESPLL VTKSQSLTAL
 151 PGSTYNPPAS YAQHSYFGSS SSLQSMPOSS HSSERRSTSF SLSGPSWQPQ
 201 EDRECLSPA E TQTTPAPLPS DSTLAQDSPL TAQEMSGSTL TSPLEASWVS
 251 SQNDSPSDVS EGPEYLAIGN PAPHGRTASC ESHSSSQKLE SAASSLGDQE
 301 EGRQSQAGSV LRRSSFSEGO TAPVASGTKK SHIRSHSDTN IASRGAAEGG
 351 QYLCSGEGMF RRPSEGQSLI SYLSEQDFGS CADLEKENAH FSISESLIAA
 401 IELMKCNMMS QCLEEEVEVE EDSREIQEL KQKIRLRRQQ IRTKNLLPAY
 451 RETENGSRV TSSSSQFSSR DSTQLSESGS AEDADDLEIQ DADIRRSVVS
 501 NGKSSFSQNL SHCFLHSTSA EAVAMGLLKQ FEGMQLPAAS ELEWLVPEDH
 551 APQKLLPIPD SLPISPDDGO HADYKLRIR VRGNLEWAPP RPQIIFNVHP
 601 APTRKIAVAK QNYRCAGCGI RTDPDYIKRL RYCEYLKGYF CQCCHENAQM
 651 VVPSRILRKW DFSKYYVSNF SKDLLLKIWN DPLFNVQDIN SALYRKVKLL
 701 NQVRLLRVQL YHMKNMFKTC RLAKELLDSF DVVPGHLTED LHLYSLSDLT
 751 ATKKGELGPR LAELTRAGAA HVERCMLCQA KGFIQFCQN EEDVIFPFEL
 801 HKCRTCEECK TCYHKTCFKS GRCPRCERLQ ARRELLAKQS LESYLSDYEE
 851 EPTEALALEA TVLETT

HITS AT: 91-99

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 21 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 867887-58-9 REGISTRY

CN Protein (Mus musculus strain NOD clone F630032M11 927-amino acid) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE41645
 CN GenBank BAE41645 (Translated from: GenBank AK170223)
 FS PROTEIN SEQUENCE
 SQL 927

```

SEQ      1 MRPESAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
      51 KYGGLERLCR DMQNILYHGL IHDQVCCRQA DYWQFVKDIR WLSPHSALHV
     101 EKFI SLHESD QSDTDSVSR AVAELWLQHS LQCHCLSAQL RPLLGDQRQYI
     151 RKFYTETAFL LSDAHVTAML QCLEAVEQNN PRLLAQIDAS MFARKQESPL
          =====
     201 LVTKSQSLTA LPGSTYNPPA SYAQHSYFGS SSSLQSM PQS SHSSERRPTS
     251 FSLSGPSWQP QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMSDST
     301 LTSPLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSSQKL
     351 ESAASSLGDQ EEGRSQSAGS VLRRSSFSEG QTAPVASGTK KSHIRSHSDT
     401 NIASRGAAEG GQYLCSGEGM FRPSEGQSL ISYLSEQDFG SCADLEKENA
     451 HFSISESLIA AIELMKCNMM SQCLEEEVE EEDSDREIQE LKQKIRLRQ
     501 QIRTKNLLPA YRETENGSRF VTSSSSQFSS RDSTQLSESG SAEDADDLEI
     551 QDADIRRSV SNGKSSFSQN LSHCFLHSTS AEAVAMGLLK QFEGMQLPAA
     601 SELEWLVEPH DAPQKLLPIP DSLPISPDDG QHADIYKLRI RVRGNLEWAP
     651 PRPQIIFNVH PAPTRKIAVA KQNYRCAGCG IRTDPDIKR LRYCEYLGKY
     701 FCQCCHENAO MVVPSRILRK WDFSKYYVSN FSKDLLLKIW NDPLFNVQDI
     751 NSALYRKVKL LNQVRLLRVQ LYHMKNMFKT CRLAKELLDs FDVVPGLHTE
     801 DLHLYSLSDL TATKKGELGP RLAE LTRAGA AHVERCMLCQ AKGFICEFCQ
     851 NEEDVIFPFE LHKCRTCEEC KACYHKTCFK SGRCPRCERL QARRELLAKQ
     901 SLESYLSYE EEPTEALALE ATVLETT
  
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HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 22 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 867754-88-9 REGISTRY

CN Protein (Mus musculus strain NOD clone F630007F11 927-amino acid) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE41507

CN GenBank BAE41507 (Translated from: GenBank AK170002)

FS PROTEIN SEQUENCE

SQL 927

```

SEQ      1 MRPESAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
      51 KYGGLERLCR DMQNILYHGL IHDQVCCRQA DYWQFVKDIR WLSPHSALHV
     101 EKFI SLHESD QSDTDSVSR AVAELWLQHS LQCHCLSAQL RPLLGDQRQYI
     151 RKFYTETAFL LSDAHVTAML QCLEAVEQNN PRLLAQIDAS MFARKQESPL
          =====
     201 LVTKSQSLTA LPGSTYNPPA SYAQHSYFGS SSSLQSM PQS SHSSERRSTS
     251 FSLSGPSWQP QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMSDST
     301 LTSPLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSSQKL
     351 ESAASSLGDQ EEGRSQSAGS VLRRSSFSEG QTAPVASGTK KSHIRSHSDT
     401 NIASRGAAEG GQYLCSGEGM FRPSEGQSL ISYLSEQDFG SCADLEKENA
     451 HFSISESLIA AIELMKCNMM SQCLEEEVE EEDSDREIQE LKQKIRLRQ
     501 QIRTKNLLPA YRETENGSRF VTSSSSQFSS RDSTQLSESG SAEDADDLEI
     551 QDADIRRSV SNGKSSFSQN LSHCFLHSTS AEAVAMGLLK QFEGMQLPAA
     601 SELEWLVEPH DAPQKLLPIP DSLPISPDDG QHADIYKLRI RVRGNLEWAP
  
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651 PRPQIIIFNVH PAPTRKIAVA KQNYRCAGCG IRTDPDYIKR LRYCEYLGKY
 701 FCQCCHENAQ MIVVPSRILRK WDFSKYYVSN FSKDLLLLKIW NDPLFNVQDI
 751 NSALYRKVKL LNQVRLLRVQ LYHMKNMFKT CRLAKELLDSD FDVVPGLHTE
 801 DLHLYSLSDL TATKKGELGP RLAELTRAGA AHVERCMLCQ AKGFICEFCQ
 851 NEEDVIFPFE LHKCRTCEEC KACYHKTCFK SGRPCRERL QARRELLAKQ
 901 SLESYLSDE EEPTEALALE ATVLETT

HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 23 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 867454-64-6 REGISTRY

CN Protein (Mus musculus strain C57BL/6J clone F730313B22 941-amino acid)
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE42541

CN GenBank BAE42541 (Translated from: GenBank AK171583)

FS PROTEIN SEQUENCE

SQL 941

SEQ 1 MRPEGAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERLCR DMQNILYHGL IHDQVCCRQA DYWQFVKDIR WLSPHSALHW
 101 EKFIHLHESD QSDTDSVSE AVAELWLQHS LQCHCLSAQL RPLLGDROQYI
 151 RKFYTTETAFL LSDAHVTAML QCLEAVEQNN PRLLAQIDAS MFARKQESPL

=====

201 LVTKSQSLTA LPGSTYTTPA SYAQHSYFGS SSSLQSMPOS SHSSERRSTS
 251 FSLSGPSWQP QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMSDST
 301 LTSPLASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSNGES
 351 SSSHLFSSSS SQKLESAASS LGDQEEGRQS QAGSVLRRSS FSEGQTAPVA
 401 SGTKKSHIRS HSDTNIASRG AAEGGQYLCS GEGMFRRPSE GQSLISYLSE
 451 QDFGGCADLE KENAHFSISE SLIAAIELMK CNMMSQCLEE EEEVEEDSDR
 501 EIQLKQKIR LRRQQIRTKN LLPAYRETEN GSFRVTSSSS QFSSRDSTQL
 551 SESGAEDAD DLEIQDADIR RASVSNKGSS FSQNLSHCFL HSTSAEAVAM
 601 GLLKQFEGMQ LPAASELEWL VPEHDAPQKL LPIPDSLPI PDDGQQADIY
 651 KLRIRVRGNL EWAPPRPQII FNVHPAPTRK IAVAKQNYRC AGCGIRTPDP
 701 YIKRLRYCEY LGKYFCQCCH ENAQMVVPSR ILRKWDFSKY YVSNFSKDLL
 751 LKIWNDFLNF VQDINSALYR KVKLLNQVRL LRVQLYHMKN MFKTCRLAKE
 801 LLDSFDVVPGL HLTEDLHLYS LSDLTATKKG ELGPRLAELT RAGAAHVERC
 851 MLCQAKGFIC EFCQNEEDVI FPFELHKCRT CEECKACYHK TCFKSGRCPR
 901 CERLQARREL LAKQSLESYL SDYEEPTTEA LALEATVLET T

HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 24 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 863073-18-1 REGISTRY

CN Protein ftsX (Corynebacterium glutamicum strain ATCC13032 clone RXA00009

gene ftsX) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 78: PN: US20050191732 SEQID: 86 claimed protein
 FS PROTEIN SEQUENCE
 SQL 300

PATENT ANNOTATIONS (PNTE):

Sequence | Patent
 Source | Reference
 =====+=====

Not Given	US2005191732
	claimed SEQID
	86

SEQ 1 MAFGYVLREA VRGMGRNVTM TIALIITTSI SLALLATGFL VTNMTDRTKD
 51 IYLDREVEVM QLEDTSAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
 101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDVPVRDLP
 151 QVSVIDQVD DLRGATENLD SIRNATFLIA AVQVLASIFL IANMVQIAAF
 201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI

=====

251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLRFYVRK
 HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 25 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 853861-89-9 REGISTRY
 CN Cell division protein FtsX (Corynebacterium jeikeium strain K411 gene
 ftsX) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAI36614
 CN GenBank CAI36614 (Translated from: GenBank CR931997)
 FS PROTEIN SEQUENCE
 SQL 300

SEQ 1 MKTNFVFREA FSGLRRNMTM TIAMIITTSI ALALLATGFL LSAMTERTKD
 51 IYFDRIEVMV QLDDKISSSD PTCASPECSE IKQLEGDEA VKSVTFRNKE
 101 QSYERFVELF GESDPQLVEQ TEKDALPAAF HVRLADPENS APIDALRDNP
 151 TVTNIVDQGD NLEAAMRNLD SIRNASFIVA AVQAIAAIFL IMNMVQITAY
 201 SRRSEISIMR MVGASRWYTQ APFVLEAMMA ALIGAVLAVG GMFAAKILVV

=====

251 DRALKAVYDQ QLVARVTNSD LWLAAPFVVL VGVVVAITA QVTLRWYVKN
 HITS AT: 216-224

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 26 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 825584-79-0 REGISTRY
 CN Protein, similar to human and bovine NADH-ubiquinone oxidoreductase 39 kDa
 subunit (Ehrlichia ruminantium strain Welgevonden) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAI26527
 CN GenBank CAI26527 (Translated from: GenBank CR925678)
 FS PROTEIN SEQUENCE
 SQL 320

SEQ 1 MSIRRIIIFG GSGFIGKYL V RYFSNAGYII KVFTRCPEKA KQLRLCGLLG

=====

51 QIEIVSGDIN NNKELVEHIS GCGVINLIG TLYNTKKTTF YNVHAHVAEN
 101 IAKIAKQLNV ELMVHFSAMG IDNICNSDYA KSKLIGERLV KESFPDAVIV
 151 RPNLVFGPED KFFNKFARLL MILPFLPVVG GKGKVFQPVY VDDVAKLVFH
 201 IIDYKIKDKL YNVCGPSTYS FKELLNLILS ITHRKSKLFN ISFCLASILA
 251 FVFEIKIISI FSKLITGSTD PILTRDQVKF MMGMTQLHDM YPIDDLKEMG
 301 INFATVEDIV PQYLEIYKKS

HITS AT: 21-29

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 27 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 825575-27-7 REGISTRY
 CN Protein, similar to human and bovine NADH-ubiquinone oxidoreductase 39 kDa
 subunit (Ehrlichia ruminantium strain Gardel) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAI27484
 CN GenBank CAI27484 (Translated from: GenBank CR925677)
 FS PROTEIN SEQUENCE
 SQL 320

SEQ 1 MSIRRIIIFG GSGFIGKYL V RYFSNAGYII KVFTKCPEKA KQLRLCGLLG

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51 QIEIVSGDIN NNKELVEHIS GCGVINLIG TLYNTKKTTF YNVHAHIAEN
 101 IAKIAKQLNV ELMVHFSAMG IDNICNSDYA KSKLIGERLV KESFPDAVIV
 151 RPNLVFGPED KFFNKFARLL MILPFLPVVG GKGKVFQPVY VDDVAKLVFH
 201 IIDYKIKDKL YNVCGPSTYS FKELLNLILS ITHRKSKLFN IPFCLASILA
 251 FVFEIKIISI FSKLITGSTD PILTRDQVKF MMGMTQLHDM YPIDDLKEMG
 301 INFATVEDIV PQYLEIYKKS

HITS AT: 21-29

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 28 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 811265-70-0 REGISTRY
 CN Amino acid transporter (Cryptococcus neoformans neoformans strain JEC21)
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAW43077
 CN GenBank AAW43077 (Translated from: GenBank AE017344)
 FS PROTEIN SEQUENCE
 SQL 556

SEQ 1 MGSDSPKAYE MEDYDPKVAG SVDQTEIHIN ETGEGDIMRA RVLDSVNHRK
 51 LNAHQIQLSS IAGAIGAALF VAIGSGVTAG PVALLIGFIF WATVVYSIAQ
 101 CQLEIVSLFP LDGSFIRLAG RMVDPALGTM VGYNHFFAQT SFVIFEATVV
 =====
 151 NTLVSYWGYS ESPAILISVS LLLYLAINVY RADLFGEAEF WLALGKVLLA
 201 IGLILYTLIT MVGGNPLKDR FGFYWKDPG PWAGDSPSTR LESFINAVNT
 251 AGFCIGGPEY ISMIAGEATD PRKTVPRAFK TIMARLVVFF IGGALCVGIL
 301 VPYNDPTLVA GDGTIYAGGSP YVISMNRLKI PVLPSIVTAA LLTCIVSGGN
 351 AYTFNASRSL HALALDGKAP AVLRLRNKKG VPYLAVIVVM LFSCLAYLAL
 401 GSTSAKVLNW ILNFCTAATM LNWCVMAFTY VRFYSAMKVQ NIDRKEFLPV
 451 YSKFQPFAGY WALCWACLFY WLQGYSVFLK GNWNVATFIF NYGIIALAGA
 501 IGLFFKIYER TPFHKS KDVD LHSDDLDFDA LNQQYQQKKD DSPPANVKDK
 551 IMAKLF

HITS AT: 135-143

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 29 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 810014-10-9 REGISTRY
 CN NADH-ubiquinone oxidoreductase subunit (Ehrlichia ruminantium strain
 Welgevonden) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAH57752
 CN GenBank CAH57752 (Translated from: GenBank CR767821)
 FS PROTEIN SEQUENCE
 SQL 320

SEQ 1 MSIRRIIIFG GSGFIGKYL VRYFSNAGYII KVFTRCPEKA KQLRLCGLLG
 =====
 51 QIEIVSGDIN NNKELVEHIS GCGVINLIG TLYNTKKTTF YNVHAHVAEN
 101 IAKIAKQLNV ELMVHFSAMG IDNICNSDYA KSKLIGERLV KESFPDAVIV
 151 RPNLVFGPED KFFNKFARLL MILPFLPVVG GSKFVFQPVY VDDVAKLVFH
 201 IIDYKIKDKL YNVCGPSTYS FKELLNLILS ITHRKSCLFN ISFCLASILA
 251 FVFEIKIISI FSKLITGST PILTRDQVKF MMGMTQLHDM YPIDDLKEMG
 301 INFATVEDIV PQYLEIYKKS

HITS AT: 21-29

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR GenBank

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SEQ      1  MNCCSSEAVL  SSKVALLNSL  FCTIVLPKEN  CSNKMNCTKG  GGFPLLFCVA
      51  ICLMAQQGAC  NVVLIANNNT  LSFDDVEATF  TPEVKDSGVN  GAIYAVEPLD
     101  ACSPLRKKAA  NGPVSPFALV  IRGGCQFDDK  VRNAQNAGFK  AVIVYDDEDS
     151  GVLVSMAGSS  SGIYIYAVFL  SKASGEVLKK  YSGQSDVEVE  ILPVYENSALW
     201  SIMAISFTSL  LAMAAVLATC  FFVRRHQIRR  DRGRIPVTRE  FHGMSSQLVK
     251  AMPSLIFTKV  QEDNSTSSSC  AICLEDYSFG  EKLRLVPCRH  KFHTACVDMW
     301  LTSWKTFPCV  CKRDASAGTS  KPPASESTPL  LSSVIHLSAE  STALSSFRST
     351  VAVSPRPPIR  RHPSSQSTSR  AYSISSAPRN  YNLQRYYTNS  PYISTSRSNV
                                     =====
     401  DLANMSSQWS  HTPHQASMHS  LRSGLHSLPI  NIRYTIPHVS  RSDYGSASLG
     451  LSHDSCSHHG  SPSYYHSSLG  QQRSYLMHRT  ESGPSLSTMV  LQSPQ
HITS AT: 385-393

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MF	Unspecified
CI	MAN
SB	GenBank

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L2 ANSWER 31 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
RN 793506-19-1 REGISTRY
CN Protein (Azoarcus strain EbN1 1312-amino acid) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN GenBank CAI09090
CN GenBank CAI09090 (Translated from: GenBank CR555306)
FS PROTEIN SEQUENCE
SQL 1312
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Page 18

851 GSYTKEVRSE DYYFRPCNTW SDITSGSFGA RYCPNGFITS TVGGGIYSAS
 901 DSDEYQFCAM LNSKPTSDWL RIINPTLHAN PGDIAQLPLP PHEVLTGVEI
 951 SRLGRAAVSL TRSDWDAYER SWDFQSFPLL TASADPDSTL ESSYTAWVTQ
 1001 NHDTIVEMKR LEEENNRLF I DAYGLQDELT PDVPIEQITL TVNPAYRYGG
 1051 NLTEVEQWTR FRQDTMEELV SYAIGCMMGR YSLDEPGLIY AHAGNVGFDA
 1101 NRYKTFPADA DGIVPITDEF WFEDDAANRV REFLRAVWGA DTLDENMAWL
 1151 AESLGTKANE TPDETIRRYL ADKFFKDHLO TYKKRPIYWL FSSGKQGAFO
 1201 ALVYLHRYHE GTLARLRAEY VVPLTGKLQA RIDMLEKDAA AAPSTATRNK
 1251 LNKQIEKLRK KHVELLAYDE KLRHYADMRI RLDLDEGVKV NYGKFGDLLA
 1301 EVKAVTGGAG DE

HITS AT: 822-830

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 32 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 775509-64-3 REGISTRY

CN Protein (Candida albicans clone WO2002086097-SEQID-15613) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5037: PN: WO02086097,SEQID: 15612 claimed protein

FS PROTEIN SEQUENCE

SQL 429

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2002086097

|claimed SEQID

|15612

SEQ 1 MGCGASVPVD DDEIDLFLQD KRINDAIEQS LQLRQQNSKK GVKLLLLGAG
 51 ESGKSTVLKQ LKLLHKGFT QQERRQYSHV IWCDVIQSMK VLIIQARKLK
 101 IKLDCDQPNN SLIPYKQIIL RSDPLKQIDA DVAGGTDFLN DFVVKYSEEN
 151 KNKRRLKSTG TTDIWGKDDD SNINSDAINQ ALESSLNKDS EQFTRLSIAE
 201 AIHKLWKLDS GIKKCFDRSN EFQLEGSADY YFDNVFNAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKSF QFKVLDAGGQ RSEKRWIHC FEDITAVLFV
 301 LAISEYDQNL FEDERVNRMH ESIVLFDSLCL NSKWFANTPF ILFLNKIDIF

===== =

351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFLKINQT NKPIYVHRTC

401 ATDSKSMKFV LSAVTDMIVQ QNLKKSII

HITS AT: 333-341

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 33 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 736629-04-2 REGISTRY
 CN Protein (Oryza sativa clone PAT_MRT4530_76241C.1.pep fragment) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3708: PN: US20040123343 SEQID: 178712 claimed protein
 FS PROTEIN SEQUENCE
 SQL 582

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given|US2004123343
 |claimed SEQID
 |178712

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SEQ      1 MPLGQRAGDK SESRYCGVEV LDFPAGEELP AVLSHSLSSS FDFLLAPLVD
      51 PDYRPTPGSV LPVAASDLVL GPAQWSSHIV GKISEWIDL AEDEQLRLDS
     101 EITLKQEIWA ASHLSLQACV LPPPKRSSCA NYARVVNHIL QGLTNLQLWL
     151 RIPLEKSEPM DEDHDGAKDN SDMGVGYSLR STLPSMNSLG RWFGEPAFLT
                                     =====
     201 NARGYPCLSK RHQKLLTGFF NHSVQVIISG RSNHNVSQGG VLSGDENHTE
     251 DTAVRHALSP YLDYIAYIYQ RMDPLPEQER FEINYRDFLQ SPLQPLMDNL
     301 EAQTYETFEK DTVKYTYQQR AIAKALVDRV SDDDVSTTKT AAETGRKLK
     351 VYAVEKNPNA VITLHSLIKL EGWESLVTII SSDMRCWEAP EKADILVSEL
     401 LGSFGDNELS PECLDGAQRF LKPDGISIPS SYTSFIEPIT ASKLHNDIKA
     451 HKDIAHFETA YVVKLHRIAR LAPTSQSVTF DHPNPSPNAS NQRYTKLKFE
     501 IPQETGSCLV HGFAGYFDAV LYKDVHLGIE PNTATPNMFS WFPIFFPLRK
     551 PIYVPSKTPI EVHFWRCCGA TKEKGEERER IE
  
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HITS AT: 191-199

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 34 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 734459-09-7 REGISTRY
 CN Protein (plasmid pAgK84 204-amino acid) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAS02132
 CN GenBank AAS02132 (Translated from: GenBank AY442931)
 FS PROTEIN SEQUENCE
 SQL 204

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SEQ      1 MPLRRITFSS AKAGPVGRFS PRSIWERWPA VRLRYFANTA WLMCASSRRA
                                     =====
     51 LMSSAVSGAA VGAASANSRI VILRKSASSS VSFARISLAS SRISSLRDG
     101 GLIFVVILHL VQNSSGKILF YTLWICEPLF GDCFQVFEII IGNVLTALR
     151 KTCEKDGNDP CPKKQDRSIT AASPLPRASN PLFDEATTEI GVDQTLISSI
     201 RCLD
  
```


HITS AT: 34-42
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS, TOXCENTER
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 35 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 716772-46-2 REGISTRY
 CN Protein (Oryza sativa clone PAT_MRT4530_31457C.1.pep fragment) (9CI) (CA
 INDEX NAME)
 OTHER NAMES:
 CN 4175: PN: US20040123343 SEQID: 129175 claimed protein
 FS PROTEIN SEQUENCE
 SQL 514
 NTE

type	location	description
uncommon	Aaa-466	-

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	US2004123343
	claimed SEQID
	129175

SEQ 1 MNCTKGGGFP LLFCAVICLM AQQGACNVVL IANNTTLSFD DVEATFTPEV
 51 KDSGVNGAIY AVEPLDACSP LRKKAANGPV SPFALVIRGG CQFDDKVRNA
 101 QNAGFKAVIV YDDEDSGVLV SSNFTVAGSS SGIYIYAVFL SKASGEVLKK
 151 YSGQSDVEVW ILPVYENSAW SIMAISFTSL LAMAAVLATC FFVRRHQIRR
 201 DRGRIPVTRE FHGMSSQLVK AMPSLIFTKV QEDNSTSSSC AICLEDYSFG
 251 EKLRVLPCRH KFHATCVDWMV LTSWKTECPV CKRDASAGTS KPPASESTPL
 301 LSSVIHLSAE STALSSFRST VAVSPRPPIR RHPSSQSTSR AYSISSAPRN
 351 YNLQRYYTNS PYISTRSNV DLANMSSQWS HTPHQASMHS LRSGLSLPI
 =====
 401 NIRYTIPHVS RSDYGSASLG LSHDSCSHHG SPSYHSSLG QQRSYLMHRT
 451 ESGPSLSTMV LQSPQXVSSS TMANQEKSIS CGLTRSLRQA YVQHCLDSGD
 501 SLSAVTSDQS LPRC

HITS AT: 355-363
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 36 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 714158-75-5 REGISTRY

CN GenBank AAT75885 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAT75885 (Translated from: GenBank AE017263)
 FS PROTEIN SEQUENCE
 SQL 510

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SEQ      1 MKHAKINSHF YDECKKVREA VGGIKNIELI NRCSTRIRIK VIDITKLNLN
      51 KLEGSKIFVK TLLKDDFVQL IVNENIDEVF LNLLKSLKIS YEEIPNDFEV
     101 RVNKEGNFFK VVTDGISVIV KPLIPLLITM AIVATLSNVF NGIDFGSGTL
     151 SETGQFAKAV GEMFDILQKA LNLAFSIMIP WSIFKLMKGS QAIGISIGIV
     201 LCFHGLISTN DIMSGEYGGI FKWFGDASFL ESGYPWKISY VGQILPIVAM
           =====
     251 SFIAVYIERF ANKFDIPVFK EMVAIPMITI STFFIGILLV GPLGLLLTYG
     301 MNEGVVWATT DNVAKYIFNP ILGLALPWLV ITGLIQVLVV INLQQFTTFG
     351 GTTMMPMFTQ LNIAVATSIL AVTIINRHNK ELKRTAIPSY SLAYVSGSTE
     401 PALFGVGLKF VYPVIAASIG ATVGIIITTF AGVICTNGNA SLLVFLSITT
     451 KPEILDKFNI HTIAGGPYLW MAIAIVATFI TTFEATIGLS KIKVKEMNA
     501 KVLERDFSVN
```

HITS AT: 222-230
 MF Unspecified
 CI MAN
 SR GenBank

L2 ANSWER 37 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 704848-32-8 REGISTRY
 CN Protein (Debaryomyces hansenii strain CBS767 632-amino acid) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank CAG90892
 CN GenBank CAG90892 (Translated from: GenBank CR382139)
 FS PROTEIN SEQUENCE
 SQL 632

```
SEQ      1 MPLMYFSGED SNDITFDEPA RNRLVLDPTL FARVQNDEEQ NVRVFLDTHL
      51 LRIRSRGGLV EHAPKKFVSK NHASIGVGVA PDLALAYIT DAMINAEFRE
     101 MSSKEFKNSY LAPLETGIRG QKFSIWPLL RYRYPGNPQ RVENHIQYYF
     151 NGTICVPIND IYQDICGIHH YFGNASYLRP PLNKDIFIEP DIHFHAEYES
           =====
     201 GDGHFPEICF GLGDYKTENY YLAQGFEKFK EAIEDFRRMD QQTEYLYQDA
     251 HWPNGILFAL VLSKYFYDAF LCGTNRILTS NHQSFGGFFK YDIVEGQMSV
     301 DYHIISDPET FAHGITLRS MAGFFYQTED DAIEIQNRLR KYVSIHTAK
     351 KSDPLLNVRP KSLRDSSMRS FDTVSEAADK ENVHEIKDKI YGNTYCRVIY
     401 DSAKCYP SLS VYLPSTVFVK LYYYSSRLWR QNDLTFCGIP DRKGYDMFF
     451 NELVINEEIA KSQFASNFKP LFASGYWNGL TDHPMHIFEY LGKEIPREQW
     501 DEKKVYEIVM LRLKELHLLR ISHNDILRSN IHVSESGKIT LIDFGLSKFP
     551 CSEESQDDL ESLDNIFGVN SSTNKKEEDE QVNPDITKSQ VAVNDKGDNT
     601 HNDESDENTS SDFELAEMSF ESHDTKTTTT TK
```

HITS AT: 170-178
 MF Unspecified
 CI MAN
 SR GenBank

LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 38 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 704848-31-7 REGISTRY

CN Protein (Debaryomyces hansenii strain CBS767 632-amino acid) (9CI) (CA
INDEX NAME)

OTHER NAMES:

CN GenBank CAG90891

CN GenBank CAG90891 (Translated from: GenBank CR382139)

FS PROTEIN SEQUENCE

SQL 632

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SEQ      1 MPRMYFSGED SNDITLDEPA RNRLVLDPTL FARVQNDEEQ NVRVFLDTHL
      51 LRIRSRGGLV EHAPKKFVSK NHASIGVGMA PDLSALAYIT DAMINAGFRE
     101 MSSEEFKSSY LAPLETTIRK LKLRTPLAI QYNYPLGNPQ HVEQNIQYFF
     151 NGTICVPIND IYQDICGVHH YFGNASYLRP PLNKDIFIEP DIIHFAEYEL
           = =====
     201 EGGRFPDICF GLGDYKTENY YLAQGFEFEK VAIEDFRRMD QQTEYLYQDA
     251 HWNPGILFAL VLSKYFYDAF LCGTNRILIS NHQSFSGGFFK YDIVEGQMSV
     301 DYHIISDPET FAHGITLRSR MAGFFYQTED DAIEIQNRLLR KYVSIHTAK
     351 KSDPLLNVPR KSLRDSSMRS FDTVSEAADK ENVHEIKDKI YGNTYCRVIY
     401 DSAKCYPSLS VYLPSTVFVK LYYYSSRLWR QNDLTFCGIP DRKGYDMFF
     451 NELVINEEIA KSQFASNFPK LFASGYWNGI TDHPMHIFEY LGKEIPREQW
     501 DEKKVYEVIM LRLKELHLLR ISHNDILRSN IHVSESGKIT LIDFGLSKFP
     551 CSEESKQDDL ESLDNIFGVN SSTNKKEEDE QVNPDITKSQ VAVNDKGDNT
     601 HNDESDENTS SDFELAEMSF ESHDTKTTTT TK
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HITS AT: 170-178

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 39 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 704721-47-1 REGISTRY

CN Protein (Kluyveromyces lactis strain NRRL Y-1140 gene GBA1_KLULA) (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN GenBank CAG98942

CN GenBank CAG98942 (Translated from: GenBank CR382126)

FS PROTEIN SEQUENCE

SQL 447

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SEQ      1 MGCVASTGNY ENEDDPFIQN KRANLIEQN LQQERNKNKN EVKLLLLGAG
      51 ESGKSTVLKQ MKLLHQGGFT HRERMQYGQV IWADAIESMR TLILQAGKLG
     101 IELDSLKNA HSGQLVNTL HQCKEKIFRA NTLDQIDARM AGGSEFLNEY
     151 VLKYNIGISK KKRQTTLGFK ESNGADPEEE DETDAFLSEK LAGTSYTGSS
     201 ETSELKRIDQ STNEEIAYAI KKLWTQDKGI RQCFNRSSEF QLEGSASYFF
     251 DNIEKFARVD YVCDDMDILK GRIKTTGITE NSFKIGPSTF KVIDAGGQRS
     301 ERRKWIHCFE GITAVVFVIA ISEYDQMLFE DERNRMHES IVLLDTLLNS
     351 RWFANTPFIL FLNKVDIFQE KVKRSPRTW FPNYPGKLG SETGLKYFES
           =====
     401 LFLSLNRSNK PIYVHRTCAT DTQSMRFVLG AVTDLVIQQN LKKSGIL
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HITS AT: 351-359

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 40 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 696882-65-2 REGISTRY
 CN Protein (Candida albicans strain SC5314 clone US6747137-SEQID-15576) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN 3576: PN: US6747137 SEQID: 15576 claimed protein
 FS PROTEIN SEQUENCE
 SQL 434

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given|US6747137

|claimed SEQID

|15576

SEQ 1 YQYSIMGCGA SVPVDDDEID LFLQDKRIND AIEQSLQLRQ QNSKKGVKLL
 51 LLGAGESGKS TVLKQLKLLH KGGFTQQERR QYSHVIWCDV IQSMKVLIIQ
 101 ARKLKIKLDC DQPNNSLIPY KQIILRSDPL KQIDADVAGG TDELNDFVVK
 151 YSEENKNKRR LKSTGTTDIW GKDDDSNINS DAINQALELS LNKDSEQFTR
 201 LSIAEAIHKL WKLDSGIKKC FDRSNEFQLE GSADYYFDNV FNFADTNYLS
 251 TDLIDILKGRI KTTGITETDF LIKSFQFKVL DAGGQRSERK KWIHCFEDIT
 301 AVLFVLAISE YDQNLFEDER VNRMHEYIVL FDSLCSKWF ANTPFILFLN
 =====
 351 KIDIFENKIK KNPLKNYFPD YDGKPDDETNE AIKFFETNFL KINQTNKPIY
 401 VHRTCATDSK SMKFLVLSAVT DMIVQQNLKK SGIM

HITS AT: 338-346

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 41 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 689706-15-8 REGISTRY
 CN LOC432185 protein (Xenopus laevis clone IMAGE:4960015 gene LOC432185)
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAH72295

CN GenBank AAH72295 (Translated from: GenBank BC072295)

FS PROTEIN SEQUENCE

SQL 724

SEQ 1 VSVKMAALSE HFTLCGLLTG TDDGKSEILG VEPAGEPDRV LVTDSVQAVT
 51 LYKVSDQKPQ GAWAVKQQS ITCPAVLNPE SGEFIVVHDD KVLRIWKEDN
 101 VNLDIAFKAT LSADVCRHT LPNTDPLVLF KGGAVHFLDS LLTDPQQKIG
 151 TVLSGGERIV WSEIFADDGQ PLIVYLTQQF SNYFVYIHKF SPVCVCKYHL
 201 KPNTEDSTIL DCSGSVKSKI FTLLTLYSSG QVCQTPFPVS LINKETERVV
 251 SASPLLQLSG PIEVGALNFL DESHVAVLIS SSSEQKECLS IWNTTFQTLQ
 301 AARNFQORTS AQLWCYDNKL FVPHGKTLVV VPYVCEASCL ASVLGKSRNI

351 QTSVLENVPF VNWDKLVGKD PETKPSNAGA QKKTRERKTN ANAGNGTESI
 401 LYPFDVQNIS QTQTEAFVQQ LLLGKEDTDF QITVGKITQG LVKRCMADPK
 =
 451 FYPQSSFVQL VQTNTLSYSL CPDLLSLFLE KRDVPLLQLC LHSFPDVPEV
 =====
 501 ILCSCCLKAFL SISEKLVNAA QINTELASLY IDVGDKDKEH KYTEHPPEPS
 551 VLQNGFSPTA LEEDSCDELI AESLPQTTQK ATCPISIKRA VLVNSILISP
 601 YNESFLLPHL KDMSGDQVMF FLRYLLYLYL KFNENITINH PGKQMPTVSQ
 651 IVDWMSMLLD AHFATVVMLS DAKALLNKIQ KTVKSQKLFY SEMNKIEGCL
 701 AELKELKCPA RVSARYSIEV LQLY

HITS AT: 450-458

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 42 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 679247-64-4 REGISTRY

CN Protein (Listeria monocytogenes strain 4b F2365 372-amino acid) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAT02809

CN GenBank AAT02809 (Translated from: GenBank AE017322)

FS PROTEIN SEQUENCE

SQL 372

SEQ 1 MKSRKKGIIL VLSIIIIIFI GLLVNNIMTN NKDTAKPKKK TVAAVKKKKKE
 51 TPPKPKEPFN IDFTGDIMFD WDLRPVLAEK GMDYPFNNVR EELKSSDYTF
 101 VDLETAITTR TKKVPYQEFW IKSDPSSLTA LKNAGVDMVN ISNNHILDYY
 151 EDGLLDTTAA LRANNLAYVG AGKNEDEAYQ LKVADIKGNK VGFMSFCHFF
 ===
 201 PNTGWIADED TPGVTNGYDI NLVEEKIKEE RAKNKDIDYM VVYFHWGVEK
 =====
 251 TNTPVDYQTQ YVKKLVDHDL VDAIVASHPH WLQSFEVYKD VPIAYSLGNF
 301 LFPDYVSGHS AETGIYKLNQ NQGVKTAHFD PGIISGNQIN MLDGSAKTAQ
 351 LNYLQSIISP ATINSNGDIS AK

HITS AT: 198-206

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 43 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 674849-80-0 REGISTRY

CN Protein DITHP (diagnostic and therapeutic protein) (human Incyte clone 1152478.PT22p) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2940: PN: WO2004023973 SEQID: 2940 claimed protein

FS PROTEIN SEQUENCE

SQL 317

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2004023973

|claimed SEQID

|2940

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SEQ      1 MGTRLLFWVA FCLLGADHTG AGVSQSPSNK VTEKGKDVEL RCDPISGHTA
      51 LYWYRQSLGQ GLEFLIYFQG NSAPDKSGLP SDRFSAERTG GSVSTLTQIR
     101 TQQEDSAVYL CASSLATAWH NHYFGECSWL TVVGDPLPFP EDLNKVFPE
           =====
      151 VAVFEPSEAE ISHTQKATLV CLATGFFPDH VELSWVNGK EVHSGVSTDP
      201 QPLKEQPALN DSRYCLSSRL RVSATFWQNP RNHFRCQVQF YGLSENDEWT
      251 QDRAKPVTOI VSAEAWGRAD CGFTSVSYQQ GVLSATILYE ILLGKATLYA
      301 VLVSALVLMMA MVKRKDF

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HITS AT: 122-130

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);

PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 44 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 668086-58-6 REGISTRY

CN Protein (mouse strain C57BL/6J clone MGC:76451 IMAGE:30432960 gene
1700021K19Rik) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAH67390

CN GenBank AAH67390 (Translated from: GenBank BC067390)

FS PROTEIN SEQUENCE

SQL 941

```

SEQ      1 MRPEGAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
      51 KYGGLERLCR DMQNILYHGL IHDQVCCRQA DYWQFVKGIR WLSPHSALHV
     101 EKFISSLHESD QSDTDSVSR AVAELWLQHS LQCHCLSAQL RPLLGDROQYI
     151 RKFYTTETAFL LSDAHTVAML QCLEAVEQNN PRLLAQIDAS MFARKQESPL
           =====
      201 LVTKSQSLTA LPGSTYTTPA SYAQHSYFGS SSSLQSMPOS SHSSERRSTS
      251 FLSGSPSWQP QEDRECLSPA ETQTPAPLP SDSTLAQDSP LTAQEMSDST
      301 LTSSLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSNGES
      351 SSSHLFSSSS SQKLESAASS LGDQEEGRSL QAGSVLRRSS FSEGQTAPVA
      401 SGTKKSHIRS HSDTNIASRG AAEGGQYLCG GEGMFRPPSE GQSLISYLSE
      451 QDFGSCADLE KENAHFSISE SLIAAIELMK CNMMSQCLEE EEVEEEDSDR
      501 EIQELKQKIR LRRQQIRTKN LLPAYRETN GSFRVTSSSS QFSSRDSTQL
      551 SESGSAEDAD DLEIQDADIR RSVSNGKSS FSQNLSHCFL HSTSAEAVAM
      601 GLLKQFEGMQ LPTASELEWL VPEHDAPQKL LPIPDLSLPI PDDGQHADIY
      651 KLRIRVRGNL EWAPPRPQII FNVHPAPTRK IAVAKQNYRC AGCGIRTDPD
      701 YIKRLRYCEY LGKYFCQCH ENAQMVVPSR ILRKWDFSKY YVSNFSKDLL
      751 LKIWNDFLNF VQDINSALYR KVKLLNQVRL LRVQLYHMKN MFKTCRLAKE
      801 LLDSFDVVPF HLTEDLHLYS LSDLTATKKG ELGPRLAELT RAGAAHVERR
      851 MLCQAKGFIC EFCQNEEDVI FPFELHKCRT CEECKACYHK TCFKSGRCPR
      901 CERLQARREL LAKQSLESYL SDYEEPTTEA LALEATVLET T

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HITS AT: 152-160

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 45 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 666934-61-8 REGISTRY
 CN Transcription-associated protein (Glycine max clone
 PAT_MRT3847_135535C.1.pep fragment) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2195: PN: US20040031072 SEQID: 182195 claimed protein
 FS PROTEIN SEQUENCE
 SQL 120

PATENT ANNOTATIONS (PNTE):

Sequence |Patent
 Source |Reference

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Not Given	US2004031072
	claimed SEQID
	182195

SEQ 1 MFNNSPLVMA SRRFQQKWGN CHSAYIMLCV LGINPLNEHS YIYHFCRDTI
 51 LTTIYYVYHN PKFVKAQLHW YPETTYIYLQ NPVVARPRLT RLCVYQRRRL

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101 KKKSGINALS RCAVWASNNH

HITS AT: 69-77

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 46 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 666559-25-7 REGISTRY

CN GenBank BAD03310 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAD03310 (Translated from: GenBank AP004654)

FS PROTEIN SEQUENCE

SQL 495

SEQ 1 MNCCSSEAVL SSKVALLNSL FCTIVLPKEN CSNKMNCTKG GGFPLLFCV
 51 ICLMAQQGAC NVVLIANNTT LSFDDVEATF TPEVKDSGVN GAIYAVEPLD
 101 ACSPLRKKAA NGPVSPFALV IRGGCQFDDK VRNAQNAGFK AVIVYDDEDS
 151 GVLVSMAGSS SGIYIYAVFL SKASGEVLKK YSQSDVEVW ILPVYENSAW
 201 SIMAISFTSL LAMAAVLATC FFVRRHQIRR DRGRIPVTRE FHGMSSQLVK
 251 AMPSLIFTKV QEDNSTSSSC AICLEDYSFG EKLRVLPCRH KFHATCVDMW
 301 LTSWKTFCPV CKRDASAGTS KPPASESTPL LSSVIHLSAE STALSSFRST
 351 VAVSPRPPIR RHPSSQSTSR AYSISSAPRN YNLQRYYTNS PYISTSRSNV

=====

401 DLANMSSQWS HTPHQASMHS LRSGLSLPI NIRYTIPHVS RSDYGSASLG
 451 LSHDSCSHHG SPSYYHSSLG QQRSYLMHRT ESGPSLSTMV LQSPQ
 HITS AT: 385-393

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR GenBank

L2 ANSWER 47 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 644705-44-2 REGISTRY

CN GenBank CAF19509 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAF19509 (Translated from: GenBank BX927150)

FS PROTEIN SEQUENCE

SQL 300

SEQ 1 MAFGYVLREA VRGMGRNVTM TIALIITTSI SLALLATGFL VTNMTDRTKD
 51 IYLD RVEVMI QLDEDT SAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
 101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPVRDLP
 151 QVSNVIDQVD DLRGATENLD SIRNATFLIA AVQVLASIFL IANMVQIAAF
 201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI
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251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLRFYVRK
 HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR GenBank

L2 ANSWER 48 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 638183-33-2 REGISTRY

CN L-Leucine, L-arginyl-L-tryptophyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-alanyl-L-prolyl-L-tyrosyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 40: PN: WO03106682 SEQID: 54 unclaimed sequence

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====

Not Given|WO2003106682

|unclaimed

|SEQID 54

SEQ 1 RWFPNAPYL

=====

HITS AT: 1-9

MF C58 H78 N14 O12

SR CA

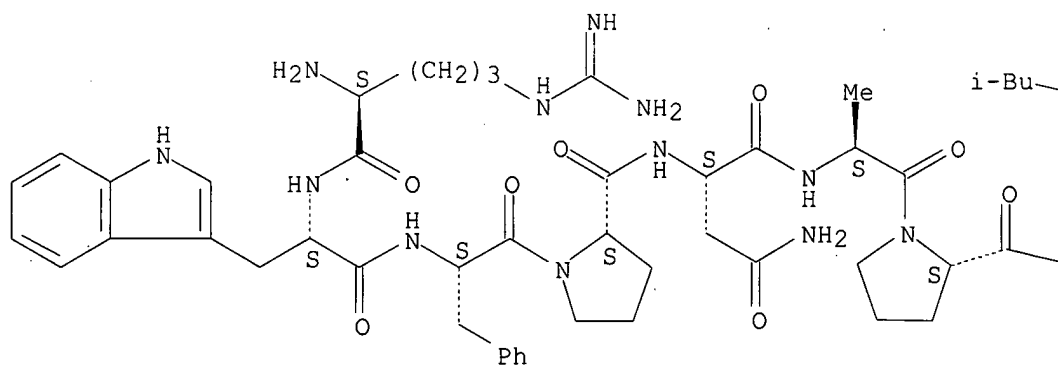
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA Caplus document type: Patent

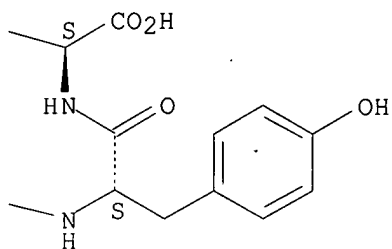
RL.P Roles from patents: PRP (Properties)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 49 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
RN 638183-30-9 REGISTRY
CN L-Leucine, L-arginyl-L-phenylalanyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-alanyl-L-prolyl-L-tyrosyl-(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 39: PN: WO03106682 SEQID: 53 unclaimed sequence
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 9

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2003106682

|unclaimed

|SEQID 53

SEQ 1 RFFPNAPYL

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HITS AT: 1-9

MF C56 H77 N13 O12

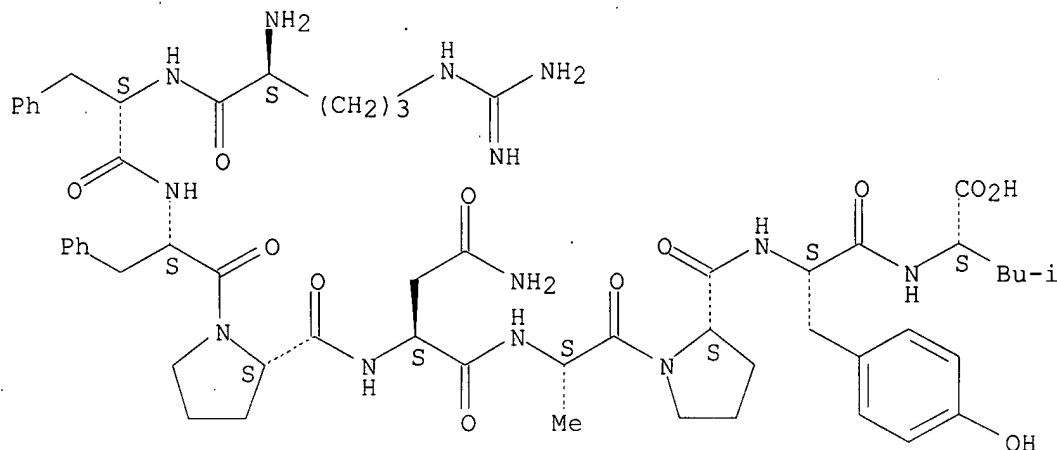
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: PRP (Properties)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 50 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 638183-01-4 REGISTRY

CN L-Methionine, L-arginyl-L-tyrosyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-alanyl-L-prolyl-L-tyrosyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 14: PN: W003106682 SEQID: 15 unclaimed sequence

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	W02003106682
	unclaimed
	SEQID 15

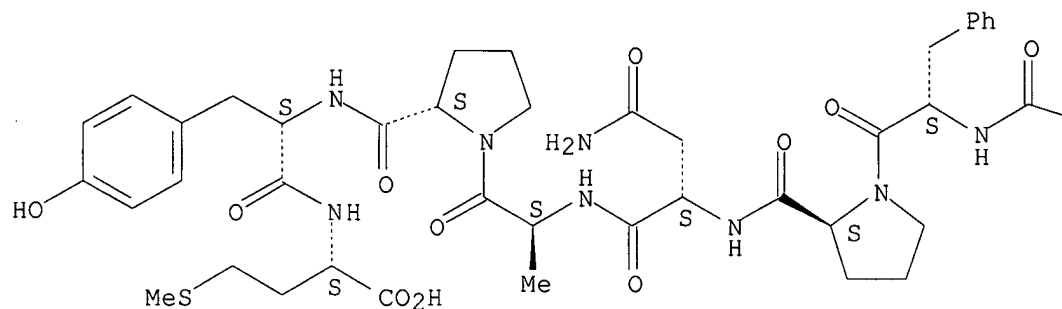
SEQ 1 RYFPNAPYM

HITS AT: 1-9

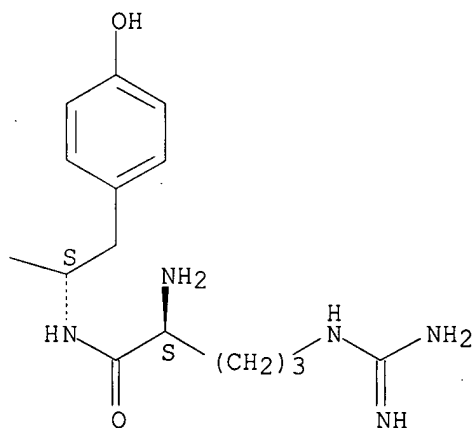
MF C55 H75 N13 O13 S

SR CA

PAGE 1-A



PAGE 1-B



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L2 ANSWER 51 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
RN 638183-00-3 REGISTRY
CN L-Isoleucine, L-arginyl-L-tyrosyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-
  alanyl-L-prolyl-L-tyrosyl- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 13: PN: WO03106682 SEQID: 14 unclaimed sequence
FS PROTEIN SEQUENCE; STEREOSEARCH
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SQL 9

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
=====+	
Not Given	WO2003106682
	unclaimed
	SEQID 14

SEQ 1 RYFPNAPYI

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HITS AT: 1-9

MF C56 H77 N13 O13

SR CA

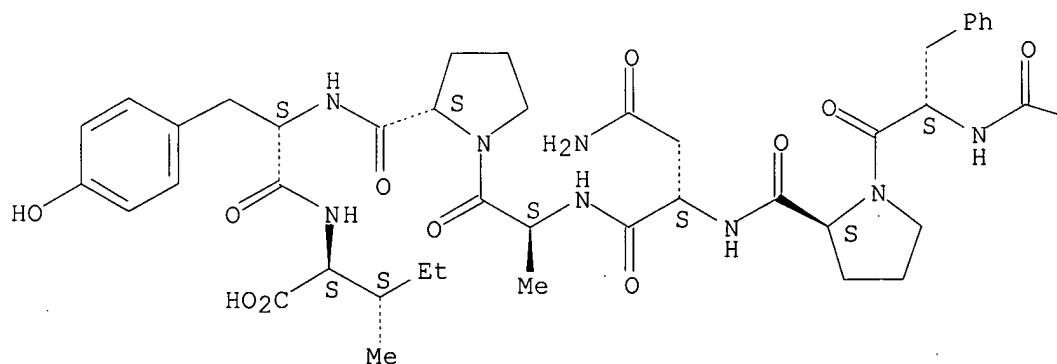
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA Caplus document type: Patent

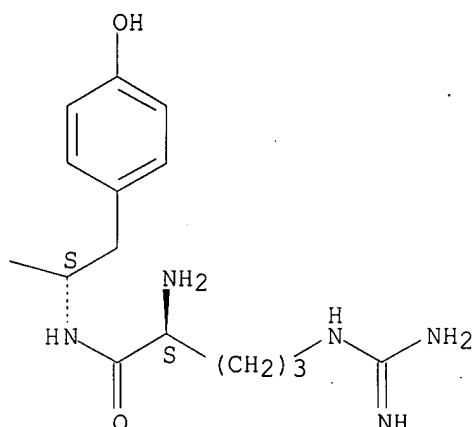
RL.P Roles from patents: PRP (Properties)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 52 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
RN 638182-89-5 REGISTRY
CN L-Leucine, L-arginyl-L-tyrosyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-alanyl-L-prolyl-L-tyrosyl- (CA INDEX NAME)

OTHER NAMES:

CN 1: PN: WO03106682 SEQID: 2 claimed sequence
CN 36: PN: WO2005045027 SEQID: 36 unclaimed protein
CN 3: PN: WO2005001117 SEQID: 11 unclaimed protein
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 9

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2003106682

|claimed SEQID

|2

SEQ 1 RYFPNAPYL

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HITS AT: 1-9

MF C56 H77 N13 O13

SR CA

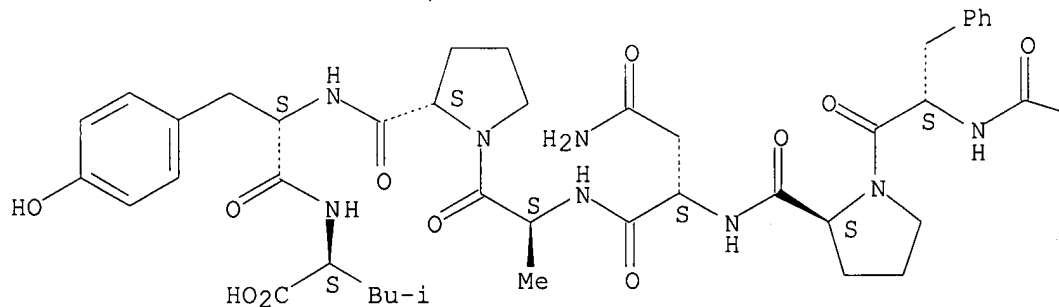
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

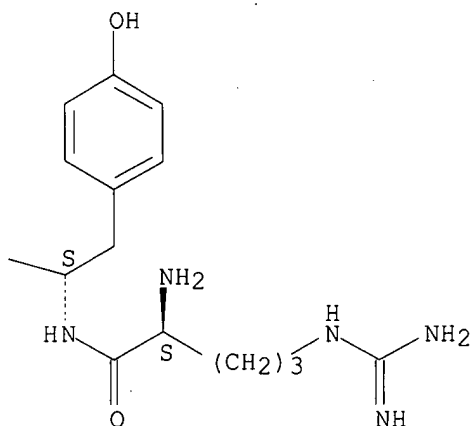
RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
(Uses)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 53 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 626129-45-1 REGISTRY

CN Ribonuclease H (Bdellovibrio bacteriovorus strain HD100 gene rnhA) (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN GenBank CAE80890

CN GenBank CAE80890 (TRANSLATED FROM: GenBank BX842654)

FS PROTEIN SEQUENCE

SQL 263

SEQ 1 MTEKPRLVRM LGVSTNTRDH IMIYSDGACS GNP GPGGWGS VILYPDNQVQ
51 ELGDGEKSTT NNRMEMTAAL EALKAVAHMK VPVRFYTDST YLIRGITQWV
=====

101 HGWRRRGWKT AEGGEVSNQD IWEDLSHVVA ARGTOGKIEW HYSRGHVGIP
 151 GNERCDRIAV AFSKNDYVSL YSGSLDQYPY DLLQVPADTS LPEMKGPGEK
 201 KKEAFSYLSN LGGLVYRHRT WPACQKRVSG QSGAKFKKAT SAAEEIEILK
 251 SWGLSPSTVI KEG

HITS AT: 84-92

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 54 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 615219-79-9 REGISTRY

CN Cell division protein (Corynebacterium diphtheriae strain NCTC13129) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAE49271

CN GenBank CAE49271 (Translated from: GenBank BX248356)

FS PROTEIN SEQUENCE

SQL 300

SEQ 1 MKLGFVFREA FRGLGRNITM TIALIITTAI SLALLATGFL VTNMTKETKD
 51 IYLD RVEVMV QLNENISAND KDCSSQACRD VRDKLDGADG IETVTYRSRQ
 101 QSYDRFVEVF KDTDPQLVAE TSPDALPAAL HVRLEDPLDT KPLDQVRDME
 151 QVDTIVDQVD DLRGATDNLD AIRNSTFIFA AIQAIAAIFL IVNMVQIAAF
 201 NRREEISIMR MVGASRWYTO APFVIEAMVA ALFGAILSGL ALFGGKVWVV

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251 DKTLKGLYDS QLIARVSNAD IWAVAPVVAV IGIIFAAITA QATLRWYVRK

HITS AT: 216-224

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 55 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 613213-57-3 REGISTRY

CN 1700021K19Rik protein (mouse strain C57BL/6 clone MGC:79154 IMAGE:5706123)
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAH60601

CN GenBank AAH60601 (Translated from: GenBank BC060601)

FS PROTEIN SEQUENCE

SQL 956

SEQ 1 MRPEGAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERLCR DMQNILYHGL IHDQVCCRQA DYWQFVKDIR WLSPHSALHV
 101 EKFISLHESD QSDTDSVSR AVAELWLQHS LQCHCLSAQL RPLLGDROYI
 151 RKFYTETAFL LSDAHVTAML QCLEAVEQNN PRLLAQIDAS MFARKQESPL
 =====
 201 LVTKSQSLTA LPGSTYTTPA SYAQHSYFGS SSSLQSMPOS SHSSERRSTS
 251 FSLSGPSWQP QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMSDST
 301 LTSPLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSNGES

351 SSSHLFSSSS SQKLESAASS LGDQEEGRQS QAGSVLRRSS FSEGQTAPVA
 401 SGTKKSHIRS HSDTNIASRG AAGGPRNITI IVEDPIAEGG QYLCSGEGMF
 451 RRPSEGLSLI SYLSEQDFGS CADLEKENAH FSISESLIAA IELMKCNMMS
 501 QCLEEEVEVEE EDSREIQEL KQKIRLRQQ IRTKNLLPAY RETENGSRV
 551 TSSSSQFSSR DSTQLSESGS AEDADDLEIQ DADIRRSVAVS NGKSSFSQNL
 601 SHCFLHSTSA EAVAMGLLKQ FEGMQLPAAS ELEWLVPEHD APQKLLPIPD
 651 SLPISPDDGQ HADIYKLRIR VRGNLEWAPP RPQIIFNVHP APTRKIAVAK
 701 QNYRCAGCGI RTDPDYIKRL RYCEYLGKYF CQCCHENAQM VVPSRILRKW
 751 DFSKYYVS NF SKDLLLLKIWN DPLFNVQDIN SALYRKVKLL NQVRLLRVQL
 801 YHMKNMFKTC RLAKELLDSE DVVPGHLED LHLYSLSDLT ATKKGELGPR
 851 LAELTRAGAA HVERCMLCQA KGFICEFCQN EEDVIFPFEL HKCRTCEECK
 901 ACYHKTCFKS GRCPCRERLQ ARRELLAKQS LESYLSDYEE EPTEALALEA
 951 TVLETT

HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 56 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 604834-47-1 REGISTRY

CN Protein (Candida albicans gene CaYHR005C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2532: PN: US20030180953 SEQID: 7668 claimed protein

FS PROTEIN SEQUENCE

SQL 429

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given|US2003180953

|claimed SEQID

|7668

SEQ 1 MGCGASVPVD DDEIDLFLQD KRINDAIEQS LQLRQNSKK GVKLLLLGAG
 51 ESGKSTVLKQ LKLLHKGFT QQERRQYSHV IWCDVIQSMK VLIIQARKLK
 101 IKLDCDQPN SLIPYKQIIL RSDPLKQIDA DVAGGTDFLN DFVVKYSEEN
 151 KNKRRLKSTG TTDIWKD DDD SNINSDAINQ ALESSLNKDS EQFTRLSIAE
 201 AIHKLWKLDS GIKKCFDRSN EFQLEGSADY YFDNVFNAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKSF QFKVLDAGGQ RSERKKWIHC FEDITAVLFV
 301 LAISEYDQNL FEDERVNRMH ESIVLFDSL C NSKWFANTPF ILFLNKIDIF
 ===== =
 351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFLKINQT NKPIYVHRTC
 401 ATDSKSMKFV LSAVTD MIVQ QNLKKS GII

HITS AT: 333-341

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES

(Uses)

- 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 57 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 593941-10-7 REGISTRY
 CN Gamma-glutamyltranspeptidase (Gloeobacter violaceus strain PCC 7421 gene ggt) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank BAC90945
 CN GenBank BAC90945 (Translated from: GenBank AP006578)
 FS PROTEIN SEQUENCE
 SQL 618

SEQ 1 MRISANTDRI EAFCDQSGSV WNRGVHRYV TPGSEHFRDR LLNHRTLPLL
 51 AAFVIGSAAP VAALDGVVST AHPLATEAGI EMLRKGGNAV DAAIAASLAL
 101 GVVEPQSSGI GGGGFALVWL GRTEARVLD FREAAPGQAA AAMYLDKAGK
 151 VIPRLSLDGY RAAGVPGQAA GLVKLQQAYA ALPLATLAEP AIRLAREGFS
 201 LSDLVRGRIE AAAERLGRDP EASRVFLVEG KAPPAGYRLR QPDLARTLEL
 251 WVNSSGDSFY RGETAAAMAA AMTERGGLVS RADLESYSYV WRTPLVGSYR
 301 GVPVVTMPPP GSGGVLEML NTLENFDLAA QTPLLRTHLT AQAMSRAYAD
 351 RSRFYGDPAF VPVPLAALVA KSYGAAQKKT ISLERATPST QIVPGSLLSP
 =====
 401 ALLAGFQSW EPRPVENTSH LSTMDADGNT VALTQTINGG FGAAVVAPKT
 451 GILLNNEMDD FAVAPGVNLD FGLVGSKANA IAPGKRPLSS MTPTILLKNG
 501 RPWIALGSPG GAFITNAVLO TILGVLDYQL SLPEAVNAPR IHHQWQPDRL
 551 FVEKAYPVAQ ETLSALGYGL RAIDAMGNVQ AVQYAGRFVG ASDGRREGTS
 601 AIWQTPARAA SPAASPRR

HITS AT: 353-361

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 58 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 593928-81-5 REGISTRY
 CN Protein (Gloeobacter violaceus strain PCC 7421 gene gll1779) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank BAC89720
 CN GenBank BAC89720 (Translated from: GenBank AP006574)
 FS PROTEIN SEQUENCE
 SQL 356

SEQ 1 MKVGILSFHH TSNYGATLQN YALWKTIDNL GFKAVIDYQ PFVAMKNYYV
 51 RELPSRPVL SNLAKILMKM QFRESRIQLS EGVYFSSEGL KRFKRCYDAV
 101 VVGSDQVWST DGWRGYDPSF FLDFIDGETT LKISYAASAG HTETLGAHRS
 151 NVQSLVRQFQ AISVRDANTA RVIKEECALD SIQVLDPTFL VGYGEFLGKA
 201 LAIDSPFLLI YKMGPMSSSE ESFILRLAGE RNLKIVSVGY HHRIAQYNLA
 251 GIGPEEWVRY YSQAAYVFTD SYHGSIFSII FHKPFNVFVC KTKAAKTGDL
 == =====
 301 LNKLGILIERI FDGDKTNTSN IDYAPVQERL TRRVQASRDF LIRALSSRLA
 351 TAKSSG

HITS AT: 259-267

MF Unspecified

CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 59 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 588638-49-7 REGISTRY
 CN 1700021K19Rik protein (mouse strain C57BL/6 clone IMAGE:5704785 gene
 1700021K19Rik) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAH57307
 CN GenBank AAH57307 (Translated from: GenBank BC057307)
 FS PROTEIN SEQUENCE
 SQL 992

SEQ 1 KLTSHGASPL LRVL RVPWRS KRPGASLWPR DGLIVRMRPE GAGMDLGGGD
 51 GERLLEKSR EHWQLLGNLK TTVEGLVSAN CPNVWSKYGG LERLCRDMQN
 101 ILYHGLIHDQ VCCRQADYQ FVKDIRWLSP HSALHVEKFI SLHESDQSDT
 151 DSVSERAVAE LWLQHS LQCH CLSAQLRPLL GDRQYIRKFY TETAFLLSDA
 === =====
 201 HVTAMLQCLE AVEQNNPRLL AQIDASMFAR QESPLLVT K SQSLTALPGS
 251 TYTPPASYAQ HSYFGSSSSL QSMPOSSHSS ERRSTSFSL GPSWQPQEDR
 301 ECLSPAETQT TPAPLPDST LAQDSPLTAQ EMSDSTLTSP LEASWVSSQN
 351 DSPSDVSEGP EYLAIGNPAP HGRTASCESH SSNGESSSSH LFSSSSSQKL
 401 ESAASSLGDQ EEGRSQAGS VLRRSSFSEG QTAPVASGTK KSHIRSHSDT
 451 NIASRGAAGG PRNITIIVED PIAEGGQYLC SGEGMFRRPS EGQSLISYLS
 501 EQDFGSCADL EKENAHFSIS ESLIAAIELM KCNMSQCLE EEEVEEEDSD
 551 REIQELKQKI RLRRQQIRTK NLLPAYRETE NGSFRVTSSS SQFSSRDSTQ
 601 LSESGSAEDA DDLEIQDADI RRSVSNNGKS SFSQNL SHCF LHSTSAEAVA
 651 MGLLKQFEGM QLPAASELEW LVPEHDAPQK LLPIPDSLPI SPDDGQHADI
 701 YKLRI RVRGN LEWAPPRPQI IFNVHPAPTR KIAVAKQNYR CAGCGIRTDP
 751 DYIKRLRYCE YLGKYFCQCC HEN AQMVVPS RILRKWDFSK YYVSNFSKDL
 801 LLKIWN DPLF NVQDINSALY RKVKLLNQVR LLRVQLYHMK NMFKTCRLAK
 851 ELLDSFDVVP GHLTEDLHLY SLSDLTATKK GELGPRLAEL TRAGAAHVER
 901 CMLCQAKGFI CEFCQNEEDV IFPFELHKCR TCEECKACYH KTCFKSGRCP
 951 RCERLQARRE LLAKQSLESY LSDYEEEPTE ALALEATVLE TT

HITS AT: 188-196

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 60 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 571229-35-1 REGISTRY
 CN Membrane protein (Corynebacterium efficiens strain YS-314) (9CI) (CA
 INDEX NAME)

OTHER NAMES:

CN GenBank BAC17623
 CN GenBank BAC17623 (Translated from: GenBank AP005216)
 FS PROTEIN SEQUENCE
 SQL 300

SEQ 1 MSVTYVLRES LRGMARNLTM TLALVITTSI SLALLATGFL VANMTERTKD
 51 IYLDREVEVMI QLDEEDTSAND PDCVEEACAE VRSELEALDG IDSITYRSRE
 101 QSYERFVEVF EYTDPVVLA E TSPDALPAAF HVRLADPLAV DILDPVRELP
 151 QVAAVIDQVD DLRGATDNLD SIRNATFLVA AVQILASTFL IANMVQIAAY
 201 SRREETEIMR IVGASRWYSE APFVLEAVLS TLIGAVLAVV GLFLGKELVI
 =====

251 DKALRGLYES QLIAPITNAD IWTVAPVVSV IGVVVAGLIA QLTLRFYVRK

HITS AT: 216-224

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 61 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 570456-75-6 REGISTRY

CN Protein (Proteus mirabilis strain ATCC202157 clone US6605709-SEQID-6558
 open reading frame) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2386: PN: US6605709 SEQID: 6558 claimed protein

FS PROTEIN SEQUENCE

SQL 264

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+

Not Given|US6605709

|claimed SEQID

|6558

SEQ 1 EVIMDRKLMP ALFVGHGSPM NVLEDNKYTR LWTTLGETLP KPKAILVISA
 51 HWYTQGTIYT AMTHPKTIHD FYGFPPELYQ IEYPAKGSIG LVALIEDLID
 =====

101 PMKLKLDMEQ WGFDHGSGWI LEKMYPNANI PVVQLSIDAN QSPQWHYEFQ

151 KKLVELRREG VLVIGSGNIV HNLRMMDWQN DQAEPYSWAL SFSETVERCL

201 QSDKVPEALF TILSTQEGQL AHPTAEHFLP ALYLLGLKQP DEKVTLLNND

251 IINKSLSMMT FQIG

HITS AT: 51-59

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 62 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 570441-91-7 REGISTRY

CN Protein (Proteus mirabilis strain ATCC202157 clone US6605709-SEQID-5068
 open reading frame) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 896: PN: US6605709 SEQID: 5068 claimed protein

FS PROTEIN SEQUENCE
SQL 493

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+

Not Given|US6605709

|claimed SEQID

|5068

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SEQ      1 VFSPFGVLYL EIGVGAYFFF SQSQRGNNAM VMQHAKPGRV ALAVMGALLV
      51 TALPAKMSYA EGFIDDSTLT GGIYYWQRDR DRKELTPNSP DYGKYKANLH
     101 HSTFNANLDF SSGYLGDFFG IDLAAFGAVE LNNSGPAAPN EIGFSDAKSR
     151 WDEKWTGDRS GVSIIYKAAK FKLGHFWAQG GYIQPKGQTL LRPHWSFLPG
          =====
     201 TYRGAEAGAV FDFDKNGELS FSYMWTDEYK APWYRNMYNF RKADLETNIS
     251 YLHSFGAKYD FKNSLVLEAA FGQADGYIDQ YFGKVSYDFP IANNTLKTSY
     301 QFYGAKDKVT GGGINDVYDG LAWLQAFTLG YTYNVDFDKV EGTWVKAEGN
     351 QGYFLQRMTP GWATSNGRD IWWDGRSDFN ANGEKALYAG VMYDLKNWDL
     401 PGWAIGTSYV YAWDAKPSSN PIYDQSKRIR ESAWNADIMY TVQEGRAKGT
     451 LFKLHYTRYD NHSDIPSYEG GFGNIFQDEK DVKFNVIMPF TIF

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HITS AT: 175-183

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
(Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 63 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 568498-90-8 REGISTRY

CN Glycosyltransferase (Synechococcus strain WH8102 gene SYNW0416) (9CI) (CA
INDEX NAME)

OTHER NAMES:

CN GenBank CAE06931

CN GenBank CAE06931 (Translated from: GenBank BX569690)

FS PROTEIN SEQUENCE

SQL 661

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SEQ      1 MNGAGPNGQS MSILYVCHGH PRYAKGGGEL AAWRLFQAFE AEGAAFLAAA
      51 PSLAVMPPGC EVMSAGPRQW LIKPSLSPLQ HGTEVSLQDG GALHQALADL
     101 RPELVHLHHY VHVIGIDLVA LRRWFPQAGF LFTLHEYWGP CAYEGRLLRR
          =====
     151 SGELCAGPEP EVCVECVGPE QRVDLAIRQL RLQRMFAAID HLLSPSLFLK
     201 QRYEEWGLDP HRISVVENLP APAPASVESG ANAGSDALVL GYFGQVNPWK
     251 GLELILQAVQ RARRRCGQLS VQLHGCGPAD LDPSTSPYPE LAGRLAALVE
     301 QLGPEAVQLC GRYDSQQLAD RMAGVDAVLM ASTWFENAPM VIQEAQHGHR
     351 PVLAPRLGGM AEKVQHELSE LLFAPGDPAD LARTIERCID EVDLLPGLQA
     401 QVLRMPLKGA RSLEQHRRLY ARFRGSSAAA EPSLAEWEP A LLEDLRQNFE
     451 PLGANCELG F LMGR LGIORS SLFRWLFTPL ASLEKVLAE G LERFFSE PVA
     501 VTDPVMAADM VVDQRTGIFF HAGELRQQL E QAGNNSAAL V QVRAGEACRD
     551 QRGKYRYLVE KFLASVPVAS TLHVFSDFHR ELNEAAMLRI HSRLRDLGKP
     601 LGSTLLFVQP ADGSTEVNSV RCLGDGLQLA AIRRFAPGEH ADQIDLEAWI
     651 SLLSLSRQLS S

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HITS AT: 123-131
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA Cplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 64 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 550280-77-8 REGISTRY
 CN Protein (megaplasmid pHG1 gene PHG068) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAP85821
 CN GenBank AAP85821 (Translated from: GenBank AY305378)
 FS PROTEIN SEQUENCE
 SQL 215

SEQ 1 MPDLTFSISA AEVAPFAAVP LLLFKLQIAN APAGEEIASI TLQCQIQIEA
 51 TRRRYAPAEH DGLQDLFGVP QRWTQTLRTM LWTHATVIVP AFSGTCVIDL
 101 LVPCSFDFNI AATKYCHALQ DGEIPLMLQF SGTVFYRNAD DALQAAPVPW
 151 HKEAAFRLPV AVWHDMMARY YPNGAWLCLQ REVFDRLGRY KAQQGLATWE
 == =====

201 RALDALLDGA EEKAS

HITS AT: 169-177
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA Cplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 65 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 502676-38-2 REGISTRY
 CN MKIAA0226 protein (mouse clone mbg06042 gene mKIAA0226 C-terminal
 fragment) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank BAC65503
 CN GenBank BAC65503 (Translated from: GenBank AK122221)
 FS PROTEIN SEQUENCE
 SQL 1003

SEQ 1 LCRCQGVVHG SKLTSHGASP LLRVLRVPWR SKRPGASLWP RDGLIVMRP
 51 EGAGMDLGGG DGERLLEKSR REHWQLLGNL KTTVEGLVSA NCPNVWSKYG
 101 GLERLCRDMQ NILYHGLIHD QVCCRQADYW QFVKDIRWLS PHSALHVEKF
 151 ISLHESDQSD TDSVSEARA ELWLQHSLLQ HCLSAQLRPL LGDRQYIRKF
 == =====
 201 YTETAFLLSA AHVTAMLQCL EAVEQNNPRL LAQIDASMFA RKQESPLLVT
 =====

251 KSQSLTALPG STYTPPASYA QHSYFGSSSS LQSMQSSHS SERRSTSFSL
 301 SGPSWQPQED RECLSPAETQ TTPAPLPSDS TLAQDSPLTA QEMSDSTLTS
 351 PLEASWVSSQ NDSPSDVSEG PEYLAIGNPA PHGRTASCES HSSNGESSSS
 401 HLFSSSSSQK LESAASSLGD QEEGRQSQAG SVLRRSSFSE GQTAPVASGT
 451 KKSHIRSHSD TNIASRGAAG GPRNITIIVE DPIAEGGQYL CSGEGMFRFP
 501 SEGQSLISYL SEQDFGSCAD LEKENAHFSI SESLIAAIEL MKCNMMSQCL
 551 EEEEEVEEDS DREIQELKQK IRLRRQQIRT KNLLPAYRET ENGSFRVTSS

601 SSQFSSRDST QLSESGSAED ADDLEIQDAD IRRSAVSNGK SSFSQNLSHC
 651 FLHSTSAEAV AMGLLKQFEG MQLPAASELE WLVPEHDAPO KLLPIPDSP
 701 ISPDGQHAD IYKLIRVRG NLEWAPPRPQ IIFNVHPAPT RKIIVAKQNY
 751 RCAGCGIRTD PDYIKRLRYC EYLGKYFCQC CHENAQMVPV SRILRKWDFS
 801 KYYVSNSFSKD LLLKIWNPL FNVQDINSAL YRKVKLLNQV RLLRVQLYHM
 851 KNMFKTCRLA KELLDSDV VPGHLLTDLHL YSLDLTATK KGELGPRLAE
 901 LTRAGAAHVE RCMLCQAKGF ICEFCQNEED VIFPFELHKC RTCEECKACY
 951 HKTCFKSGRC PRCLRLQARR ELLAKQSLES YLSDYEEPT EALALEATVL
 1001 ETT

HITS AT: 199-207

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 66 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 493570-38-0 REGISTRY

CN Protein (mouse strain C57BL/6J clone A630091D15 941-amino acid) (9CI) (CA
 INDEX NAME)

OTHER NAMES:

CN GenBank BAC31257

CN GenBank BAC31257 (Translated from: GenBank AK042428)

CN Protein (Mus musculus strain C57BL/6J clone A630091D15 941-amino acid)

FS PROTEIN SEQUENCE

SQL 941

SEQ 1 MRPEGAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERLCR DMQNILYHGL IHDQVCCRQA DYWQFVKDIR WLSPHSALHV
 101 EKFISSLHESD QSDTDSVSR AVAELWLQHS LQCHCLSAQL RPLLGDRQYI
 151 RKFYTTETAFL LSDAHVTAML QCLEAVEQNN PRLLAQIDAS MFARKQESPL

=====

201 LVTKSQSLTA LPGSTYTPPA SYAQHSYFGS SSSLQSMPOS SHSSERRSTS
 251 FSLSGPSWQP QEDRECLSPA ETQTPAPLP SDSTLAQDSP LTAQEMSDST
 301 LTSPLASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSNGES
 351 SSSHLFSSSS SQKLESAASS LGDQEEGRQS QAGSVLRRSS FSEGQTAPVA
 401 SGTKKSHIRS HSDTNIASRG AAEGGQYLCS GEGMFRRPSE GQSLISYLSE
 451 QDFGSCADLE KENAHFSISE SLIAAIELMK CNMMSQCLEE EEEVEEDSDR
 501 EIQLKQKIR LRRQQIRTKN LLPAYRETN GSFRVTSSSS QFSSRDSTQL
 551 SESGSAEDAD DLEIQDADIR RASVSNGKSS FSQNLSHCFL HSTSAEAVAM
 601 GLLKQFEGMQ LPAASELEWL VPEHDAPOKL LPIPDSPIS PDDGQHADIY
 651 KLIRIRVRGNL EWAPPRPQII FNVHPAPTRK IAVAKQNYRC AGCGIRTDPD
 701 YIKRLRYCEY LGKYFCQCCH ENAQMVVPSR ILRKWDFSKY YVSNSFSKDLL
 751 LKIWNPLFN VQDINSALYR KVKLLNQVRL LRVQLYHMKN MFKTCRLAKE
 801 LLDSFDVVPV HLTEDLHLYS LSDLTATKKG ELGPRLAELT RAGAAHVERC
 851 MLCQAKGFIC EFCQNEEDVI FPFELHKC RTCEECKACYHK TCFKSGRCPR
 901 CERLQARREL LAKQSLESYL SDYEEPTTEA LALEAPVLET T

HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 67 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 489034-87-9 REGISTRY

CN GenBank BAB98196 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAB98196 (Translated from: GenBank AP005276)

FS PROTEIN SEQUENCE

SQL 300

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SEQ      1 MAFGYVLREA VRGMGRNVTM TIALIITTSI SLALLATGFL VTNMTDRTKD
      51 IYLD RVEVMI QLDE DTSAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
     101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPVRDLP
     151 QVSNVIDQVD DLRGATENLD SIRNATFLIA AVQVLASIFL IANMVQIAAF
     201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI
           =====
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251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLRFYVRK

HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR GenBank

L2 ANSWER 68 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 486378-27-2 REGISTRY

CN Protein (mouse strain C57BL/6J clone 5330403K09 941-amino acid) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAC26925

CN GenBank BAC26925 (Translated from: GenBank AK030368)

CN Protein (Mus musculus strain C57BL/6J clone 5330403K09 941-amino acid)

FS PROTEIN SEQUENCE

SQL 941

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SEQ      1 MRPEGAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
      51 KYGGLERLCR DMQNILYHGL IHDQVCCRQA DYWQFVKDIR WLSPHSALHV
     101 EKFI SLHESD QSDTDSV SER AVAELWLQHS LQCHCLSAQL RPLL GDRQYI
     151 RKFY TETAFL LSDAHVTAML QCLEAVEQNN PRLLAQIDAS MFARKQESPL
           =====
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     201 LVTKSQSLTA LPGSTYTPPA SYAQHSYFGS SSSLQSM PQS SHSSERRSTS
     251 FLSGSPSWQP QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMSDST
     301 LTSPLASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSNGES
     351 SSSHLFSSSS SQKLESAASS LGDQEEGRQS QAGSVLRRSS FSEGQTAPVA
     401 SGTKKSHIRS HSDTNIASRG AAEGGQYLCG GEGMFRPPSE GQSLISYLSE
     451 QDFGSCADLE KENAHFSISE SLIAAIELMK CNMMSQCLEE EEVEEEDSDR
     501 EIQELKQKIR LRRQQIRTKN LLPAYRETEN GSFRVTSSSS QFSSRDSTQL
     551 SESGSAEDAD DLEIQDADIR RAVSNGKSS FSQNL SHCFL HSTSAEAVAM
     601 GLLKQFEGMQ LPAASELEWL VPEHDAPQKL LPIPDSLPI S PDDGQHADIY
     651 KLRIRVRGNL EWAPPRPQII FNVHPAPTRK IAVAKQNYRC AGCGIRTDPD
     701 YIKRLRYCEY LGKYFCQCCH ENAQMVVPSR ILRKWDFSKY YVSNFSDLL
     751 LKIWN DPLFN VQDINSALYR KVKLLNQVRL LRVQLYHMKN MFKTCRLAKE
     801 LLDSFDVVP G HLTEDLHLYS LSDLTATKKG ELGPRLAELT RAGAAHVERC
     851 MLCQAKGFIC EFCQNEEDVI FPFELHKCRT CEECKACYHK TCFKSGRCPR
     901 CERLQARREL LAKQSLESYL SDYEEPTTEA LALEATVLET T
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HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 69 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 486066-28-8 REGISTRY

CN GenBank AAA34324 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAA34324 (Translated from: GenBank M88113)

FS PROTEIN SEQUENCE

SQL 429

SEQ 1 MGCGASVPVD DDEIDPFLQD KRINDAIEQS LQLRQNSKK GVKLLLLGAG
 51 ESGKSTVLKQ LKLLHKGFT QQERRQYSHV IWCDVIQSMK VLIQARKLK
 101 IKLDCDQPNN SLIPYKQIIL RSDPLKQIDA SVAGGTDFLN DFVVKYSEEN
 151 KNKRRLKSTG TTDIWGKDD SNINSDAINQ ALESSLNKDS EQFTRLIAE
 201 AIHKLWKLDG GIKKCFDRSN EFQLEGSADY YFDNVVNFAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKSF QFKVLDAGGQ RSVRKKWIHC FEDITAVLFV
 301 LAISEYDQNL FEDERVNRMH ESIVLFDSL C NSKWFANTPF ILFLNKIDIF

=====

 351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFKINQT NKPIYVHRTC

 401 ATDSKSMKFV LSAVTDIVQ QNLKKSIM

HITS AT: 333-341

MF Unspecified

CI MAN

SR GenBank

L2 ANSWER 70 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 481411-39-6 REGISTRY

CN GenBank CAD34629 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAD34629 (Translated from: GenBank AX404619)

FS PROTEIN SEQUENCE

SQL 300

SEQ 1 MAFGYVLREA VRGMGRNVMT TIALIITTSI SLALLATGFL VTNMTDRTKD
 51 IYLDREVEVM QLDEDT SAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
 101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPVRDLP
 151 QVSVIDQVD DLRGATENLD SIRNATFLIA AVQVLASIFL IANMVQIAAF
 201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI

=====

 251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLRFYVRK

HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR GenBank

L2 ANSWER 71 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 481150-69-0 REGISTRY

CN KIAA0226 protein (human cell line KG-1 clone ha046331 gene KIAA0226) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN 1305: PN: WO03091391 TABLE: 20 unclaimed protein

CN 2200: PN: US20040009481 TABLE: 1 claimed protein

CN 4295: PN: WO03038130 FIGURE: 3 claimed protein

CN 456: PN: WO03095618 TABLE: 1 claimed protein

CN 495: PN: WO2004038376 TABLE: 4 unclaimed protein
 CN 689: PN: WO2004038376 TABLE: 5 unclaimed protein
 CN GenBank BAA13215
 CN GenBank BAA13215 (Translated from: GenBank D86979)
 FS PROTEIN SEQUENCE
 SQL 973

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	WO2003038130
	claimed FIGURE
	13

```

SEQ      1 DLSFPREGRE HWQLLGNLKT TVEGLVSTNS PNVWSKYGGL ERLCRDMQSI
      51 LYHGLIRDQA CRRQTDYWQF VKDIRWLSPH SALHVEKFIS VHENDQSSAD
     101 GASERAVAEI WLQHSYQYHC LSAQLRPLLG DRQYIRKFYT DAAFLLSDAH
                                     =====
     151 VTAMLQCLEA VEQNNPRLLA QIDASMFARK HESPLLVTKS QSLTALPSST
     201 YTPNSYQAH SYFGSFSSLH QSVPNNGSER RSTSFPLSGP PRKPQESRGH
     251 VSPAEDQTIQ APPVSVSALA RDSPLTPNEM SSSTLTSPIE ASWVSSQND
     301 PGDASEGPEY LAIGNLDPRG RTASCQSHSS NAESSSSNLF SSSSSQKPD
     351 AASSLGDQEG GGESQLSSVL RRSSFSEGT LTVTSGAKKS HIRSHSDTSI
     401 ASRGAPGGPR NITIIVEDPI AESCNDKAKL RGPLPYSGQS SEVSTPSSLY
     451 MEYEGGRYLC SGEGMFRRPS EGQSLISYLS EQDFGSCADL EKENAHFSIS
     501 ESLIAAIELM KCNMMSQCLE EEEVEEEDSD REIQELKQKI RLRRQQIRTK
     551 NLLPMYQAE HGSFRVTSSS SQFSSRDSAQ LSDSGSADEV DEFEIQDADI
     601 RRNTASSSKS FVSSQSFSHC FLHSTSAEAV AMGLLKQFEG MQLPAASELE
     651 WLVPEDAPQ KLLPIPDSLP ISPDDQHAD IYKLIRVRG NLEWAPPRPQ
     701 IIFNVHPAPT RKIAVAKQNY RCAGCGIRTD PDYIKRLRYC EYLKGYFCQC
     751 CHENAQMAIP SRVLRKWDFS KYYVSNFSD LLIKIWNPL FNVQDINSAL
     801 YRKVKLLNQV RLLRVQLCHM KNMFKTCRLA KELLDSDTV PGHLTEDLHL
     851 YSLNDLTATR KGELGPRLAE LTRAGATHVE RCMLCQAKGF ICEFCQNEED
     901 IIFPFELHHC RTCEECKACY HKACFKSGSC PRCERLQARR EALARQSLES
     951 YLSDYEEPA EALALEAAVL EAT
  
```

HITS AT: 137-145

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties)

6 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 72 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 479898-21-0 REGISTRY

CN Similar to KIAA0226 gene product (human clone MGC:40578 IMAGE:5217239)
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAH33615

CN GenBank AAH33615 (Translated from: GenBank BC033615)

FS PROTEIN SEQUENCE

SQL 375

```

SEQ      1 MQSILYHGLI RDQACRRQTD YWQFVKDIRW LSPHSALHVE KFISVHENDQ
     51 SSADGASERA VAEWLQHSY QYHCLSAQLR PLLGDRQYIR KFYTDAAFL
  
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101 SDAHVTAMLQ CLEAVEQNNP RLLAQIDASM FARKHESPLL VTKSQSLTAL
151 PSSTYTTPNS YAQHSYFGSF SSLHQSVNN GSERRSTSFP LSGPPRKPQE
201 SRGHVSPAED QTIQAPPVSV SALARDSPLT PNEMSSSTLT SPIEASWVSS
251 QNDSPGDASE GPEYLAIGNL DPRGRTASCQ SHSSNAESSS SNLFSSSSSQ
301 KPDSAASSLG DQEGGGESQL SSVLRRSSF S EGQTLTVTSG AKKSHIRSHS
351 DTSIASRGAP GNEEHRLLV KMTLN

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HITS AT: 91-99

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 73 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 459773-35-4 REGISTRY

CN GenBank CAC98232 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAC98232 (Translated from: GenBank AL591973)

FS PROTEIN SEQUENCE

SQL 372

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SEQ      1 MKSRKKGIIL VLSVILIFSI GLLVNNLMTN NKDTAKPKKK TVAAVKKKKE
      51 TPPKPKEPFN IDFTGDIMFD WDLRPVLAEK GMDYPFNNVR EELKSSDYTF
     101 VDLETAITTR TKKVPYQEFW IKSDPSSLTA LKNAGVDMVN ISNNHILDYY
     151 EDGLLDTTAA LRANLAYVG AGKNEDEAYQ LKVADIKGNK VGFMSCFCHFF
=====
     201 PNTGWIADED TPGVTNGYDL NLVEEKIKEE RAKNKDIDYM VVYFHWGVEK
=====
     251 TNTPVDYQTQ YVKKLVDDNL VDAIVASHPH WLQGFVEYKD VPIAYSLGNF
     301 LFPDYVSGHS AETGIYKLN DQKVTAFHD PGIISGNQIN MLEGSSKTAQ
     351 LNYLQSI SPN ATINSNGDIS AK

```

HITS AT: 198-206

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

L2 ANSWER 74 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 455367-88-1 REGISTRY

CN Acetolactate synthase (Thermosynechococcus elongatus strain BP-1 gene ilvB) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAC09376

CN GenBank BAC09376 (Translated from: GenBank AP005375)

FS PROTEIN SEQUENCE

SQL 552

```

SEQ      1 MPAIAHPMNT AELLVKLEN EGVEYIFGLP GEENLDVLHA LHRRIQFIT
      51 TRHEQGA AFM ADVYGRITGK AGVCLSTLGP GATNLMTGVA DANLDGAPLV
     101 AITGQVGTD R MHIESHQYLD LVAMFSPVTK WNAQIVRPSI TPEIVRKAFK
     151 IAQNEKPGAV HIDVPENIAA MEAEGAPLKP SSPEKTYASF QSILKAAELI
     201 NAAENPLILV GNGAIRAHAA AALTHFAEKL NIPVANTFMG KGVIPYQHPL
     251 ALWTVGLQQR DYISCGFDHA DLVIAVG YDL IEYSPKSWNP EGRLPIIHIA
     301 ATPAEIDSS Y IPVVEVVDI SDSLYEILKR ADRQDKPTPY AVQLRQEIVA

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351 DYYQYAQDES FPKVPQKLIY DLRQVMGPED IVISDVGAHK MWIARHYHCD
 401 RPNTCLISNG FAAMGIAVPG AMAAKLVYPQ RHVVAVTGDG GFMMNFQELE
 451 TALRMGTNFT TIIFNDGGYG LIEWKQORYF GESAYVHFSN PDFVKLAESM
 === =====

501 GLKGYRIEET TDFIPTLKTA LAQNVPTLID VPVDYSENLR FNQRLGELSC
 551 TP

HITS AT: 478-486

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 75 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 443166-78-7 REGISTRY

CN Protein (Candida albicans clone Sa386383_7668 gene fragment) (9CI) (CA
 INDEX NAME)

OTHER NAMES:

CN 668: PN: WO02053728 SEQID: 7668 claimed protein

FS PROTEIN SEQUENCE

SQL 429

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2002053728

|claimed SEQID

|7668

SEQ 1 MCGGASVPVD DDEIDLFLQD KRINDAIEQS LQLRQQNSKK GVKLLLLGAG
 51 ESGKSTVLKQ LKLLHKGGET QQERRQYSHV IWCDVIQSMK VLIQARKLK
 101 IKLDCDQPNN SLIPYKQIIL RSDPLKQIDA DVAGGTDFLN DFVVKYSEEN
 151 KNKRRLKSTG TTDIWGKDDD SNINSDAINQ ALESSLNKDS EQFTRLSIAE
 201 AIHKLWKLDG GIKKCFDRSN EFQLEGSADY YFDNVFNFAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKSF QFKVLDAGGQ RSERKKWIHC FEDITAVLFV
 301 LAISEYDQNL FEDERNVNMH ESIVLFDSLCL NSKWFAFNTPF ILFLNKIDIF
 ===== =

351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFKINQT NKPIYVHRTC

401 ATDSKSMKFV LSAVTDIMVQ QNLKKSGLI

HITS AT: 333-341

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA Caplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);

PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 76 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 405119-76-8 REGISTRY

CN Cell division protein (Corynebacterium glutamicum ATCC13032 gene ftsX)
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO0222670 SEQID: 2 claimed protein
FS PROTEIN SEQUENCE
SQL 300

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2002022670

|claimed SEQID

|2

SEQ 1 MAFGYVLREA VRGMGRNVTM TIALIITTSI SLALLATGFL VTNMTDRTKD
51 IYLDREVEVI QLDEDTSSAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPVRDLF
151 QVSVIDQVD DLRGATENLD SIRNATFLIA AVQVLASIFL IANMVQIAAF
201 NRRETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI
=====

251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLRFYVRK

HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PRP
(Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 77 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 367564-96-3 REGISTRY

CN Protein (Listeria monocytogenes strain EGD-e gene LM-587.1) (9CI) (CA
INDEX NAME)

OTHER NAMES:

CN 2526: PN: WO0177335 SEQID: 2527 claimed protein

CN Protein (Listeria monocytogenes strain EGD-e gene lmo0017)

FS PROTEIN SEQUENCE

SQL 372

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2001077335

|claimed SEQID

|2527

SEQ 1 MKSRKKGIIL VLSVILIFSI GLLVNNLMTN NKDTAKPKKK TVAAVKKKKKE
51 TPPKPKEPFN IDFTGDIMFD WDLRPVLAEK GMDYPFNNVR EELKSSDYTF
101 VDLETAITTR TKKVPYQEFW IKSDPSSLTA LKNAGVDMVN ISNNHILDYY
151 EDGLLDTTAA LRANNLAYVG AGKNEDEAYQ LKVADIKGNK VGFMFSFCHFF

201 PNTGWIADED TPGVTNGYDL NLVEEKIKEE RAKNKDIDYM VVYFHWGVEK

=====

251 TNTPVVDYQTQ YVKKLVDDNL VDAIVASHPH WLQGFVYKD VPIAYSLGNF

301 LFPDYVSGHS AETGIYKLNH DQGKVTAFHD PGIISGNQIN MLEGSSKTAQ

351 LNYLQSIISP ATINSNGDIS AK

HITS AT: 198-206

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA Caplus document type: Journal; Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
OCCU (Occurrence); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 78 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 364091-06-5 REGISTRY

CN Protein (Corynebacterium glutamicum strain ATCC13032 clone
EP1108790-SEQID-4396) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 895: PN: EP1108790 SEQID: 4396 claimed protein

FS PROTEIN SEQUENCE

SQL 300

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given|EP1108790

|claimed SEQID

|4396

SEQ 1 MAFGYVLREA VRGMGRNVMT TIALIITTSI SLALLATGFL VTNMTDRTKD

51 IYLDREVEVMI QLDEDT SAND PECTAESCTE VRDVLEGLDG IDSITYRSRE

101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDVVRDLP

151 QVSNNIDQVD DLRGATENLD SIRNATFLIA AVQVLASIFL IANMVQIAAF

201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI

=====

251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLRFYVRK

HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA Caplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
OCCU (Occurrence); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 79 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 349152-71-2 REGISTRY
 CN G protein (guanine nucleotide-binding protein) (Kluyveromyces lactis strain WM37 gene gpa1 subunit α) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAD33674
 CN GenBank AAD33674 (Translated from: GenBank AF135552)

FS PROTEIN SEQUENCE

SQL 447

SEQ 1 MGCVASTGNY ENEDDPFIQN KRANLIEQN LQQERNKNKN EVKLLLLGAG
 51 ESGKSTVLKQ MKLLHQGGFT HRERMQYGQV IWADAIESMR TLILQAGKLG
 101 IELDSLKNA HSGQLVNTL HQCKEKIFRA NTLDQIDARM AGGSEFLNEY
 151 VLKYNIGISK KKRQTTLGFK ESNGADPEEE DETDAFLSEK LAGTSYTGSS
 201 ETSELKRIDQ STNEEIAYAI KKLWTQDKGI RQCFNRSSEF QLEGSASYFF
 251 DNIEKFARVD YVCDDMDILK VRIKTTGITE NSFKIGPSTF KVDYDAGGQRS
 301 ERRKWIHCFE GITAVVFVIA ISEYDQMLFE DERVNRMHES IVLLDTLLNS
 351 RWFANTPFIL FLNKVDIFQE KVKRSPIRTW FPNYPGKLG SETGLKYFES

=====

401 LFLSLNRSNK PIYVHRTCAT DTQSMRFVLG AVTDLVIQQN LKKSGIL

HITS AT: 351-359

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAPLUS document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 80 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 348664-71-1 REGISTRY

CN Molybdopterine oxidoreductase, molybdopterine binding subunit (Sulfolobus solfataricus gene SSO1580) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAK41791

CN GenBank AAK41791 (Translated from: GenBank AE006771)

FS PROTEIN SEQUENCE

SQL 1050

SEQ 1 MNYDSNIMVE NKGLRLNRRD FLKASAAAGL VMGLGYFASK YNFNIFVTRD
 51 AVNDEELQPG WQYSYVPSIC AFCSSDIL VETERYNGYM RALEIDGNPL
 101 SPLNEGKVCV RGRAGIFRTY NVDRKLTPLI RTGPKGTWSF REATWEETIN
 151 YIMQNIQQLN PQPYEFLIG GGIPCANYKP YFIPFTLTGTQ IPNINGTPMQ
 201 TCFSDQVPI GFVIGGFDLH ATDMMDDMTY SSLIVAWGTS GIPAGIFVNR
 251 AIRYAKGIEN GAYVIAIDPR MSEAAKANL WIPAKPGSDL YIAMAIINYL
 301 IQNNYYDDEF VRYTNAFL AYKENDVVKL LEEDYDDGTV KAYVYDEIS

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351 GQIIEVPPFT NTNKYDVNGN FIKPALNAPQ GLTYNGKQVQ TVFQFLAQKV
 401 SNYTLEYAAQ VADVPLSQLQ ELAFRIATMK PMTIITGLKG FFNDQAVQFR
 451 KAYATIMALT GNIDIRGGWV YSAVYREGIK KVVNAYNNMV SSGKTKPGIL
 501 LQRPEVLEQL PVNELPGAFF AMFPIIYVYN NPSFWITGVP ALSYAYNQVL
 551 KQQGGKPKAGA YTLFEESGSY AAIKGQVTWN GQPYKPKVAM SYGGSPFNFK
 601 WDEYKQVLET TFYIMIDILP TEASLYADVI LPDVTYLERD EFFWDDGPAM
 651 DRAIRGRWQT IPVLWNTAN GLDLFIMFAY MLNPQAGDAY IQWMARFAGV
 701 PLDILKSVIQ QEMPNYQQYL MKNNGYPQWG SFTAKAWREA QLSVLSEELN
 751 MPKEQILQTL RNNGVIVIKT VDDYFANHER IPWDLPAATP TGRIEISTYI
 801 LYYYVIQNYG YDPVWDPIIA EIPPWNNGGY AVEDGVYLSP PTPYNYPTFK
 851 PTPPELFFIE YKIPQFAYTS SADNPLLMAT TSNSYHKDIL MRAWINPTTA
 901 AQLGINEGDW IAIERWKLPN PDGSIPKLIV RAHLTQWIRP DTIGVPEPFG

951 QRNPALTTAT KAVNEFGNQP VSVMWAPGRN PLGGYHMNEQ FTVRVRKATS
 1001 DEIQAAATQLA SVQTPDTLPS QQAKVTTPNN SASQNDWQQY VSYGNVSTLG
 HITS AT: 312-320
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 81 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 209600-11-3 REGISTRY
 CN Carnitine transporter (Treponema pallidum gene TP0106) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAC26554
 CN GenBank AAC26554 (Translated from: GenBank AE001195)
 FS PROTEIN SEQUENCE
 SQL 510

SEQ 1 MQKEKCDFSV SLIPLGIVIS CALLFISFPD ISHRVIGTLL NILVNKLGGF
 51 YILTGLFFLG TTLTIAFSRY GAVYLGTTTRT ARYSNFTWGS MIFTSTMAAD
 101 ILYWSLIEWA HYFTQAPFIA EHSPPTERQE WAAAYPLFWH GIIPWSFYVL
 =====

151 LAVAFGYMLH VKKRHCHKIS EACRPLLGA V DGIIGEAID ICSVVGLLLG
 201 VATTFLSLATP LLSLMVSLLF GISNTQLLAL ALLCVIALVY TTAVLLGTQG
 251 ISKLSRAAVY CFSTVLVFFL CAGPTVYLIE TGITAIGKML QNFFLMATWM
 301 DPSRISLQET DGTGLGFPQRW TIFYWAYWIT WSVATPFFIG AISEGRTIRN
 351 TIVGGLCWGI AGTYGSFIVL GNYGLYLQTH HLLPAAYFVR AGNTPAEVII
 401 AIIQTLPCAY IVMALLAATM IAFYASTFDA LTLIIASYSQ KSVAPGEEPR
 451 QIMKSEFWAVA CILLPASLIF SQSTLMHLKS LAIIAAFLA LIMLCVVASF
 501 FKELRAEVTS

HITS AT: 111-119
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 82 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 147387-25-5 REGISTRY
 CN Protein G (Candida albicans clone YCp50-CAG1 gene CAG1 guanine nucleotide-binding α -subunit reduced) (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE
 SQL 429

SEQ 1 MGCGASVPVD DDEIDPFLQD KRINDAIEQS LQLRQQNSKK GVKLLLLGAG
 51 ESGKSTVLKQ LKLLHKGFT QQERRQYSHV IWCDVIQSMK VLIIQARKLK
 101 IKLDQDQPNN SLIPYKQIIL RSDPLKQIDA SVAGGTDFLN DFVVKYSEEN
 151 KNKRRLKSTG TTDIWKDDD SNINSDAINQ ALELSLNKDS EQFTRLSIAE
 201 AIHKLWKLDG GIKKCFDRSN EFQLEGSADY YFDNVVNFAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKSF QFKVLDAGGQ RSVRKKWIHC FEDITAVLFV
 301 LAISEYDQNL FEDERVNRMH ESIVLFDSLC NSKWFANTPF ILFLNKIDIF
 =====

02/04/2008

351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFLKINQT NKPIYVHRTC
401 ATDSKSMKFV LSAVTDMIVQ QNLKKSGIM

HITS AT: 333-341

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, MEDLINE, TOXCENTER

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)